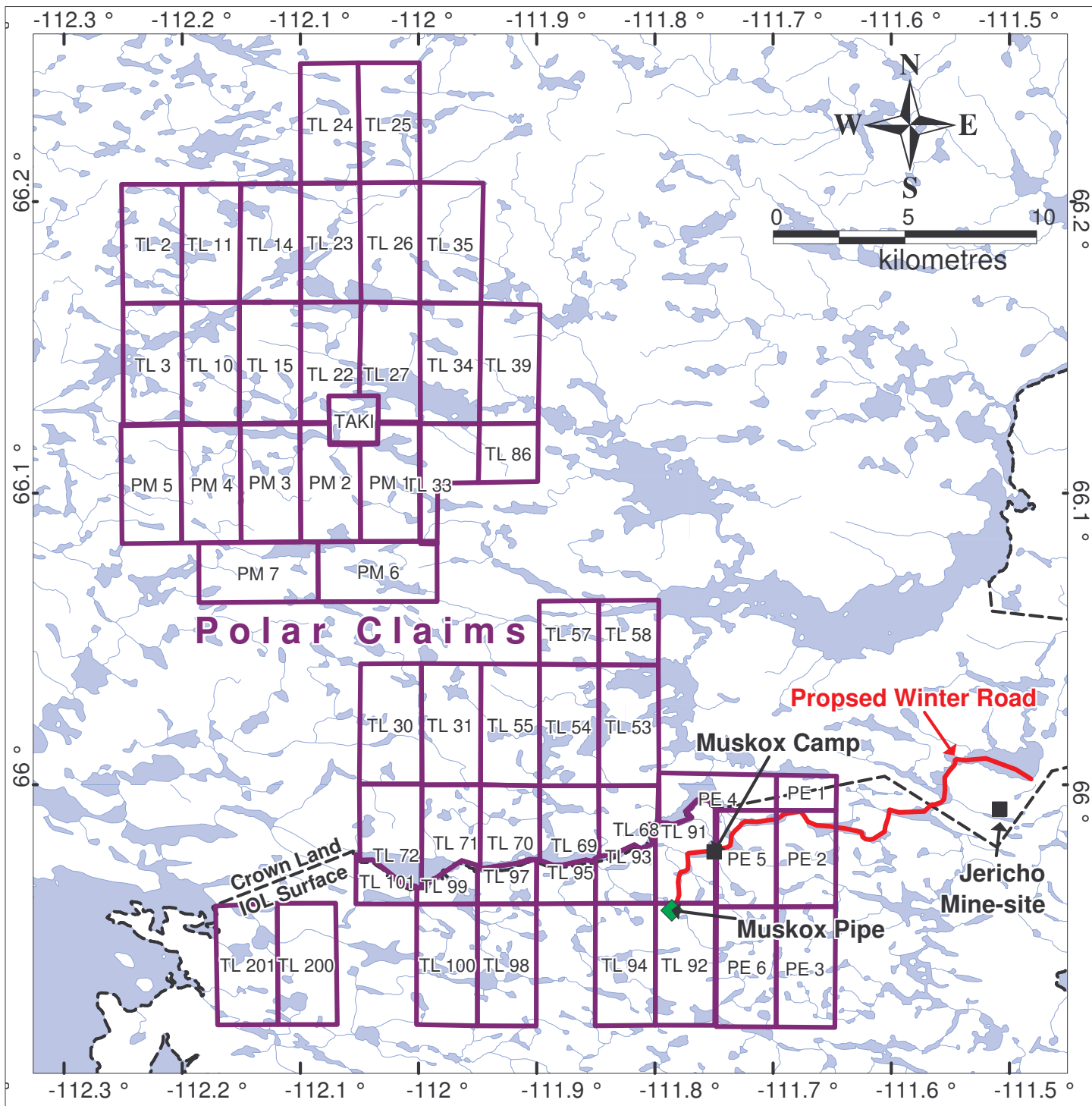


Fig 1

Polar Property Map



Tahera Diamond Corporation

Figure 1

Location Map for
the Polar Claims

Date: 14/11/2005

Author: SD

Office: VAN

Drawing:

Scale: 1:200000

Projection: Longitude / Latitude (WGS 84)

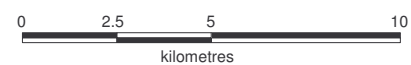
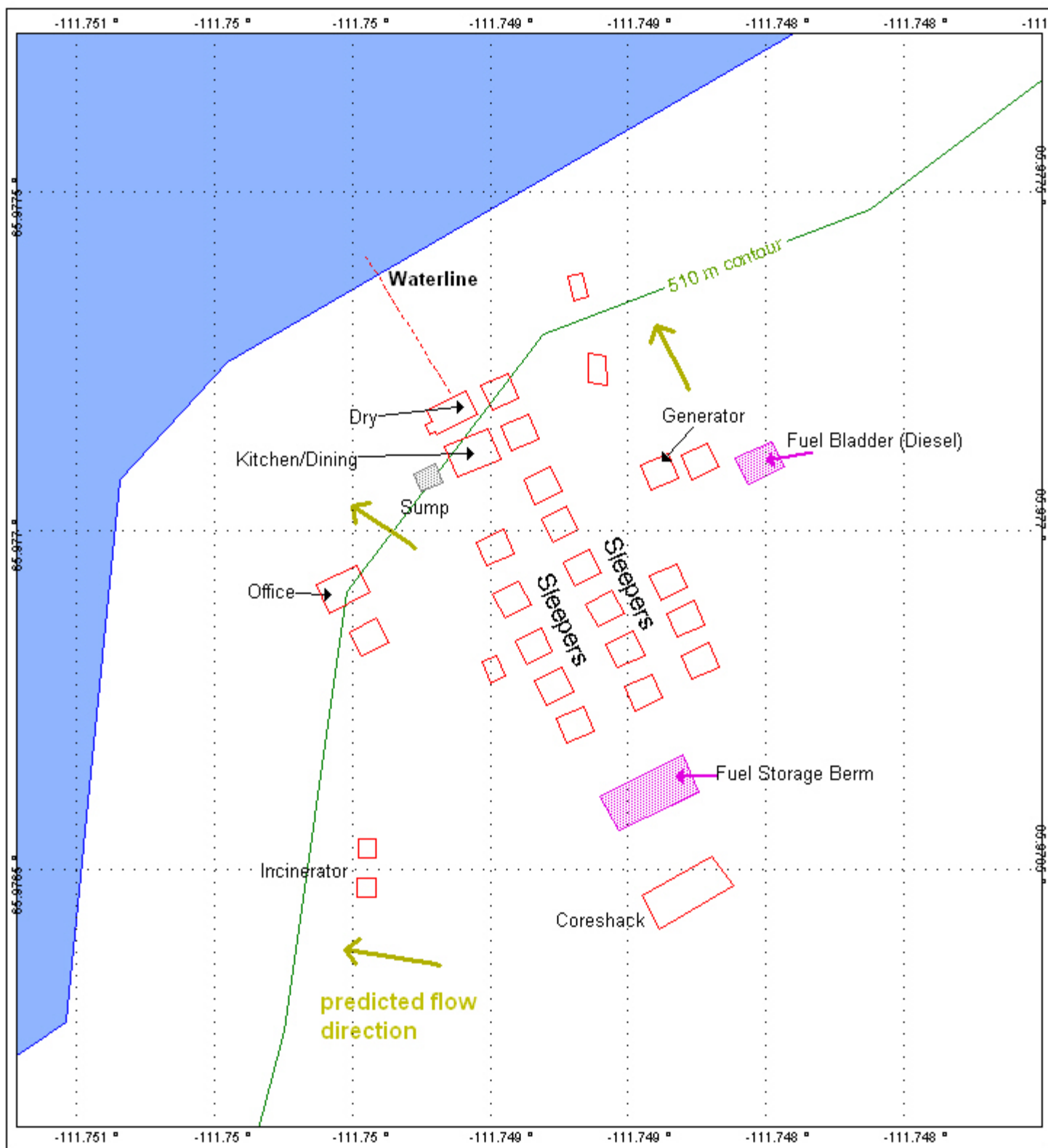


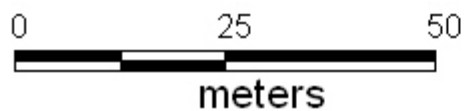
Fig 2

Muskox Camp Map



TAHERA DIAMOND CORPORATION

Muskox Camp Detailed Layout



August 29, 2007
 Author: DC
 Datum: WGS84
 Scale 1:900

Fig 3

Winter Road to Muskox Camp and Pipe

Tahera Diamond Corporation Proposed JDP to Muskox Winter Ice Road 2006

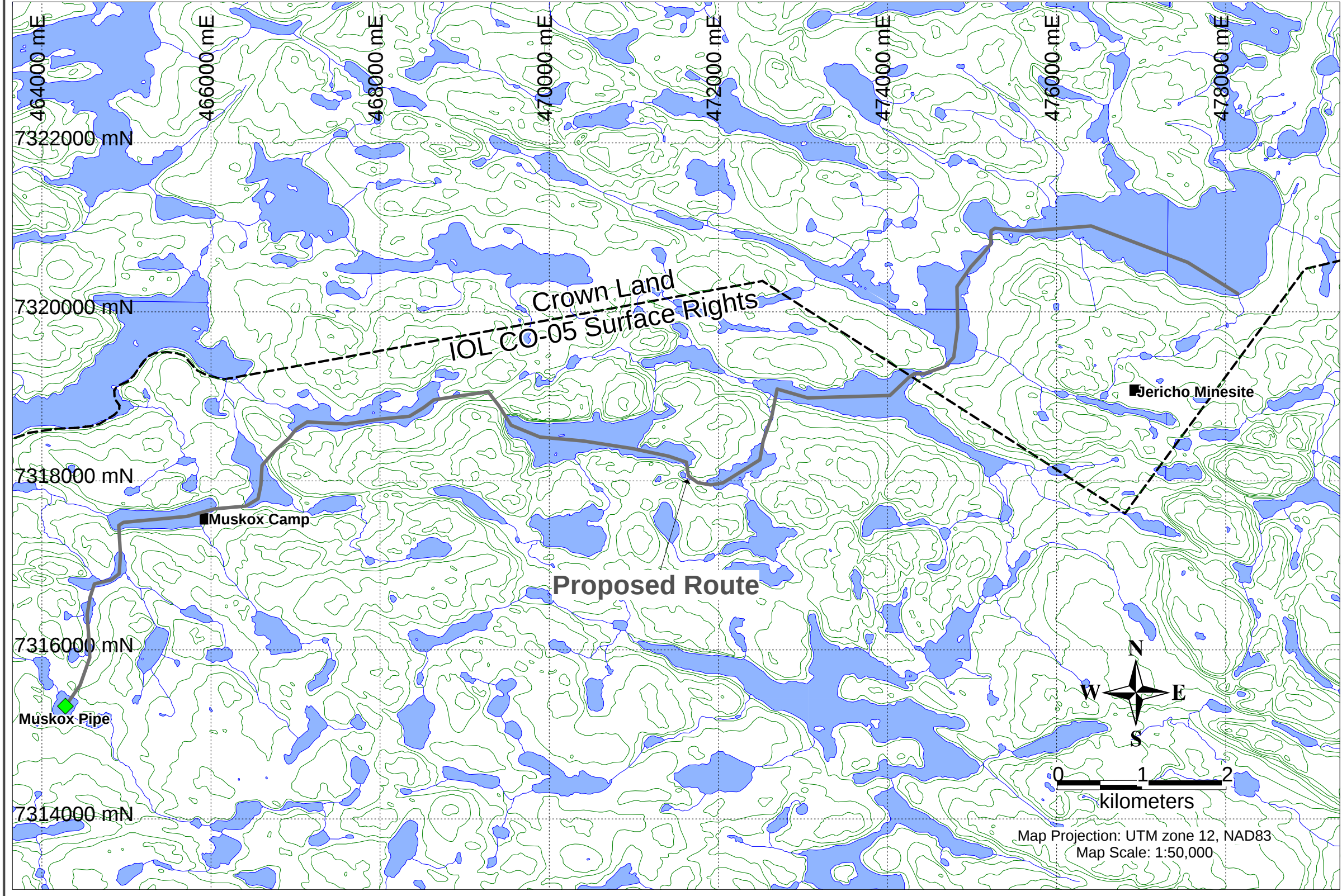
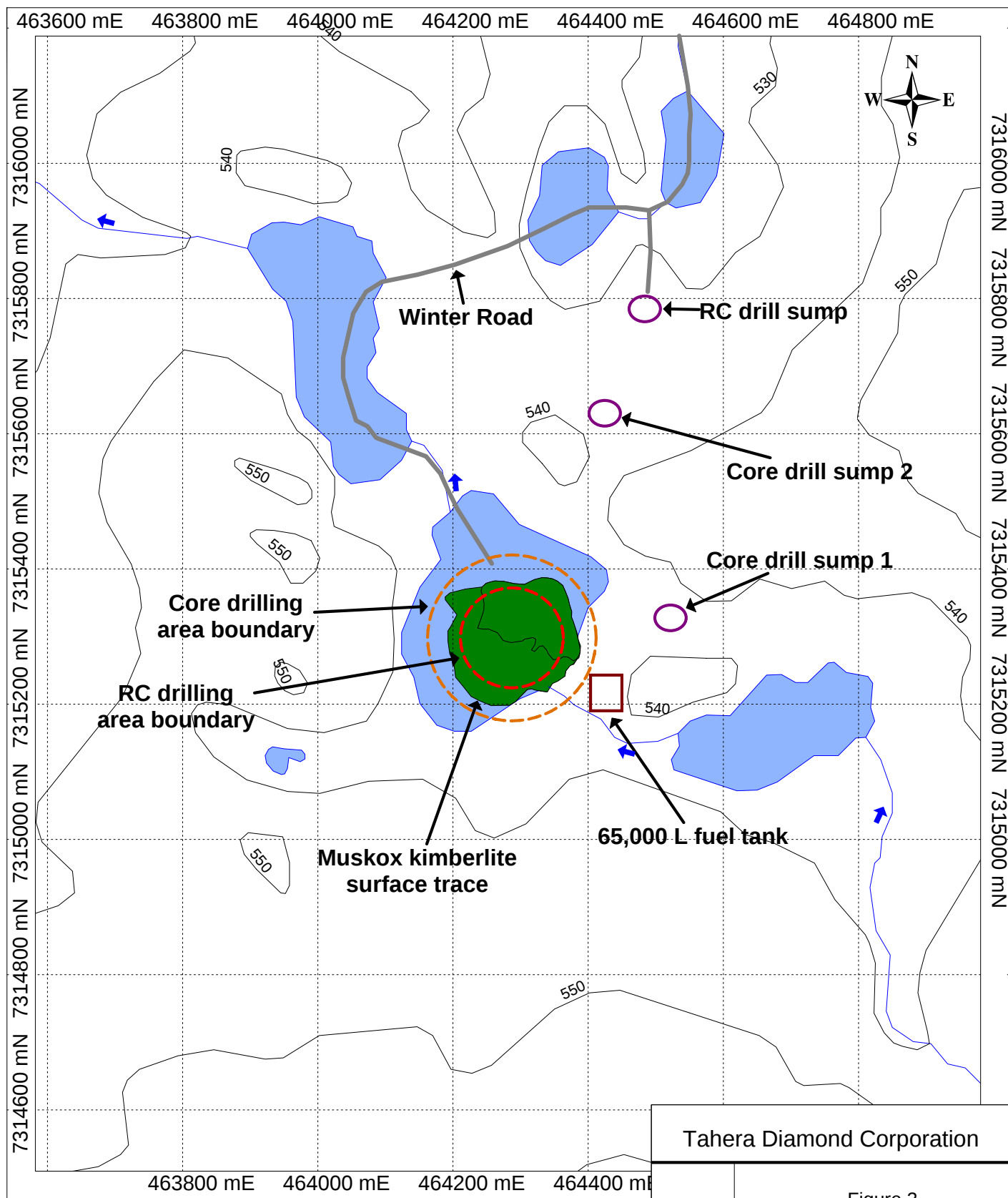


Fig 4

Muskox Pipe Drill Site Layout



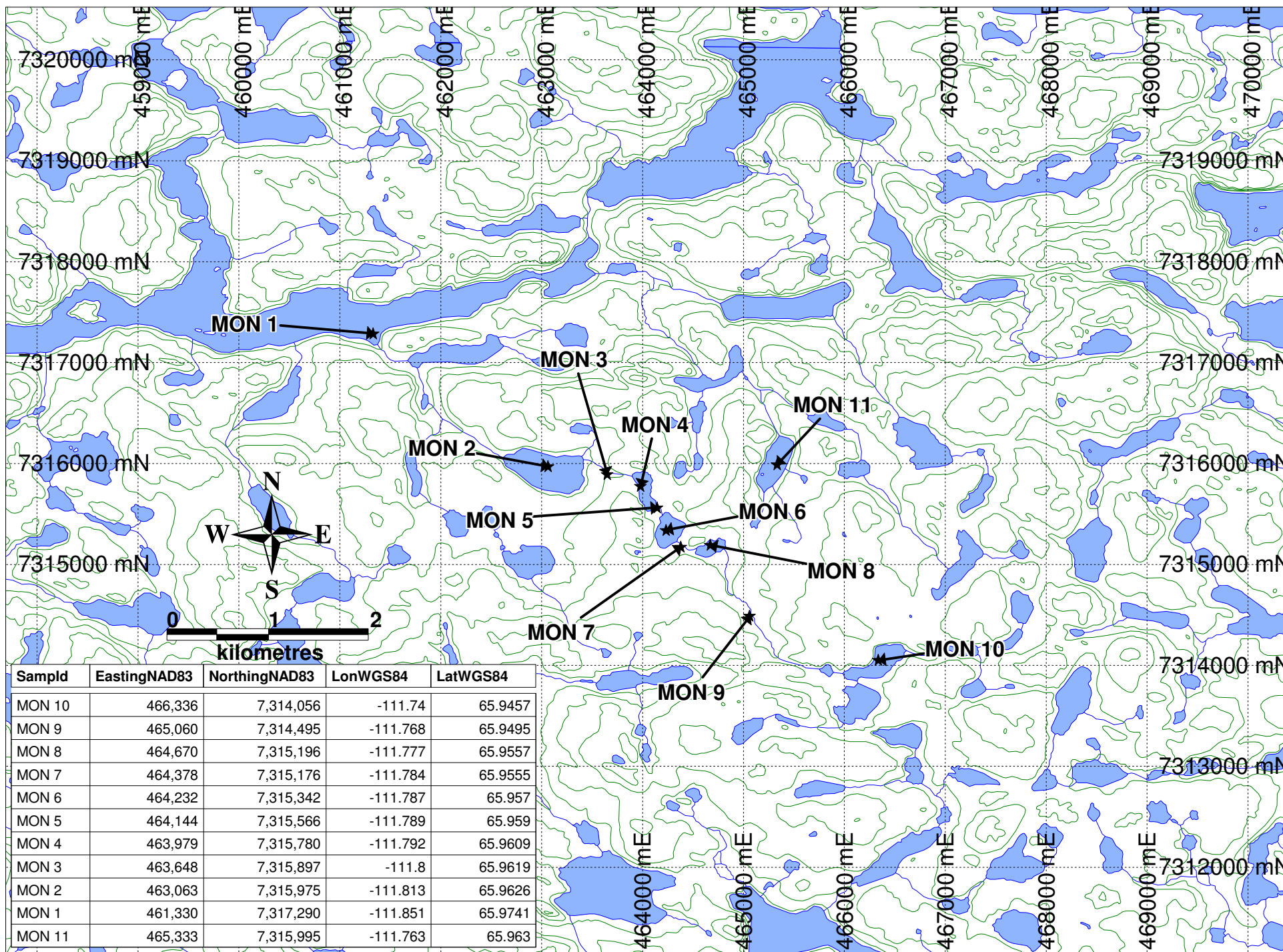
Tahera Diamond Corporation	
Figure 3	
MuskoX Pipe	
2006 RC and Core Drilling	
Date: 31/8/2007	Projection: UTM Zone 12 (NAD 83)
Author: SD	
Office: Van	
Drawing:	
Scale: 1:8000	
0 100 200 400 metres	

Fig 5

2005 Water baseline Locations

Tahera Diamond Corporation - Muscox June 2005 Water Samples

Map scale: 1:50,000 Map projection: UTM zone 12, NAD 83



Lab Data

2005 Water baseline Samples

ANALYTICAL REPORT

TAHERA DIAMOND CORP.

DATE: 14-JUL-05 04:26 PM

ATTN: CHERYL WRAY

TAHERA DIAMOND CORPORATION C/O ARCHC SUNWEST
100 DICKENS ST
YELLOWKNIFE AB X1A 2P8

Lab Work Order #: L279999

Sampled By: CW

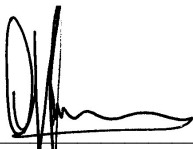
Date Received: 22-JUN-05

Project P.O. #:

Project Reference:

Other Information:

Comments:



DOUG JOHNSON
Director of Operations, Edmonton



KIEL DOUGLAS HOSTYN
Account Manager

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

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-1 MON 1 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Silver (Ag)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)	0.04		0.01	mg/L		23-JUN-05	MX	R296886
Arsenic (As)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)	0.0020	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	0.0009		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0007		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0046	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	0.004	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.8		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.2		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.41		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.043		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.006		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.058		0.005	mg/L		27-JUN-05	HAS	R297666
Phosphorus, Total Dissolved	0.002		0.001	mg/L		24-JUN-05	SHC	R297083
Phosphorus, Total	0.010		0.001	mg/L		24-JUN-05	SHC	R297083
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.019		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.7		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	5.1		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.45		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.84		0.05	mg/L		23-JUN-05	JWU	R295448

[illegible]

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-2 MON 2 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Ultra-Low Metals								
Iron (Fe)	0.065		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0548		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00027		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00267		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.75		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00020		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0007		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.26		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.379		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0072		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.388		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00055		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00022		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0046		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00008		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00009		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0012		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.003		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.012		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.005		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.7		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	4.2		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.80		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	0.007		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.77		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.4		0.1	pH		23-JUN-05	PTT	R296793
Conductivity (EC)	10.1		0.2	uS/cm		23-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		23-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		23-JUN-05	PTT	R296793

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-2 MON 2 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Routine Water Analysis - Low Level pH, Conductivity and Total Alkalinity Hydroxide (OH) <5 5 mg/L 23-JUN-05 PTT R296793 Alkalinity, Total (as CaCO3) <5 5 mg/L 23-JUN-05 PTT R296793 Ion Balance Calculation Ion Balance Low EC % 27-JUN-05 TDS (Calculated) 2 mg/L 27-JUN-05 Hardness (as CaCO3) 4 mg/L 27-JUN-05 ICP metals for routine water Calcium (Ca) 0.8 0.5 mg/L 25-JUN-05 EOC R297232 Potassium (K) 0.2 0.1 mg/L 25-JUN-05 EOC R297232 Magnesium (Mg) 0.4 0.1 mg/L 25-JUN-05 EOC R297232 Sodium (Na) <1 1 mg/L 25-JUN-05 EOC R297232								
L279999-3 MON 3 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Dissolved Metals Dissolved Trace Metals (Low Level) Silver (Ag) <0.0002 RAMB 0.0002 mg/L 23-JUN-05 MX R296886 Aluminum (Al) 0.05 0.01 mg/L 23-JUN-05 MX R296886 Arsenic (As) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Boron (B) <0.002 0.002 mg/L 23-JUN-05 MX R296886 Barium (Ba) 0.0021 RAMB 0.0001 mg/L 23-JUN-05 MX R296886 Beryllium (Be) <0.0005 0.0005 mg/L 23-JUN-05 MX R296886 Bismuth (Bi) <0.00005 0.00005 mg/L 23-JUN-05 MX R296886 Cadmium (Cd) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Cobalt (Co) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Chromium (Cr) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Copper (Cu) 0.0009 0.0006 mg/L 23-JUN-05 MX R296886 Molybdenum (Mo) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Nickel (Ni) 0.0005 0.0001 mg/L 23-JUN-05 MX R296886 Lead (Pb) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Antimony (Sb) <0.0004 RAMB 0.0004 mg/L 23-JUN-05 MX R296886 Selenium (Se) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Tin (Sn) <0.0002 0.0002 mg/L 23-JUN-05 MX R296886 Strontium (Sr) 0.0046 RAMB 0.0001 mg/L 23-JUN-05 MX R296886 Titanium (Ti) <0.0003 0.0003 mg/L 23-JUN-05 MX R296886 Thallium (Tl) <0.00005 0.00005 mg/L 23-JUN-05 MX R296886 Uranium (U) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Vanadium (V) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Zinc (Zn) <0.002 RAMB 0.002 mg/L 23-JUN-05 MX R296886 Dissolved Major Metals Calcium (Ca) 0.8 0.5 mg/L 23-JUN-05 HAS R296643 Potassium (K) 0.3 0.1 mg/L 23-JUN-05 HAS R296643 Magnesium (Mg) 0.38 0.01 mg/L 23-JUN-05 HAS R296643 Sodium (Na) <0.5 0.5 mg/L 23-JUN-05 HAS R296643 Iron (Fe) 0.054 0.005 mg/L 23-JUN-05 HAS R296643 Manganese (Mn) 0.006 0.001 mg/L 23-JUN-05 HAS R296643 Ultra-Low Metals Iron (Fe) 0.073 0.005 mg/L 27-JUN-05 HAS R297666 Ultra-Low Metals Silver (Ag) <0.0001 0.0001 mg/L 24-JUN-05 JY R297064								

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-3 MON 3 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Aluminum (Al)	0.0589		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00031		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00305		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.81		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0003		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00023		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0009		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.28		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.391		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0148		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.404		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00062		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	0.00007		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00041		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0049		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00008		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00013		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0026		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.003		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.008		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.006		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	<10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.7		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	4.1		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.90		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	0.012		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	0.011		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.76		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.4		0.1	pH		23-JUN-05	PTT	R296793
Conductivity (EC)	10.2		0.2	uS/cm		23-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		23-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		23-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		23-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		23-JUN-05	PTT	R296793
Ion Balance Calculation								

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-3 MON 3 TAHERA									
Sample Date: 13-JUN-05									
Matrix: WATER									
Routine Water Analysis - Low Level									
Ion Balance Calculation									
Ion Balance		Low EC			%		27-JUN-05		
TDS (Calculated)		2			mg/L		27-JUN-05		
Hardness (as CaCO3)		4			mg/L		27-JUN-05		
ICP metals for routine water									
Calcium (Ca)		0.8		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)		0.3		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)		0.4		0.1	mg/L		25-JUN-05	EOC	R297232
Sodium (Na)		<1		1	mg/L		25-JUN-05	EOC	R297232
L279999-4 MON 4 TAHERA									
Sample Date: 13-JUN-05									
Matrix: WATER									
Dissolved Metals									
Dissolved Trace Metals (Low Level)									
Silver (Ag)		<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)		0.04		0.01	mg/L		23-JUN-05	MX	R296886
Arsenic (As)		<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)		<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)		0.0021	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)		<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)		<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)		<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)		<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)		<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)		0.0006		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)		<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)		0.0005		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)		<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)		<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)		<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)		<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)		0.0040	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)		<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)		<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)		<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)		<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)		<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals									
Calcium (Ca)		0.7		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)		0.2		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)		0.35		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)		<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)		0.046		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)		0.006		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals									
Iron (Fe)		0.065		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals									
Silver (Ag)		<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)		0.0573		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)		0.00029		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)		<0.001		0.001	mg/L		24-JUN-05	JY	R297064

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-4 MON 4 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Barium (Ba)	0.00266		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.71		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0002		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00021		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0008		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.26		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.356		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0177		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.359		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00055		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00014		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0044		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00007		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00010		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0019		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.003		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.009		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.006		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.5		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	4.1		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.95		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	0.007		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.73		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.4		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	9.8		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	2			mg/L		27-JUN-05		
Hardness (as CaCO3)	4			mg/L		27-JUN-05		

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-4 MON 4 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Routine Water Analysis - Low Level ICP metals for routine water Calcium (Ca) 0.8 0.5 mg/L 25-JUN-05 EOC R297232 Potassium (K) 0.3 0.1 mg/L 25-JUN-05 EOC R297232 Magnesium (Mg) 0.4 0.1 mg/L 25-JUN-05 EOC R297232 Sodium (Na) <1 1 mg/L 25-JUN-05 EOC R297232									
L279999-5 MON 5 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Dissolved Metals Dissolved Trace Metals (Low Level) Silver (Ag) <0.0002 RAMB 0.0002 mg/L 23-JUN-05 MX R296886 Aluminum (Al) 0.04 0.01 mg/L 23-JUN-05 MX R296886 Arsenic (As) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Boron (B) <0.002 0.002 mg/L 23-JUN-05 MX R296886 Barium (Ba) 0.0020 0.0001 mg/L 23-JUN-05 MX R296886 Beryllium (Be) <0.0005 0.0005 mg/L 23-JUN-05 MX R296886 Bismuth (Bi) <0.00005 0.00005 mg/L 23-JUN-05 MX R296886 Cadmium (Cd) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Cobalt (Co) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Chromium (Cr) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Copper (Cu) 0.0006 0.0006 mg/L 23-JUN-05 MX R296886 Molybdenum (Mo) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Nickel (Ni) 0.0005 0.0001 mg/L 23-JUN-05 MX R296886 Lead (Pb) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Antimony (Sb) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Selenium (Se) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Tin (Sn) <0.0002 0.0002 mg/L 23-JUN-05 MX R296886 Strontium (Sr) 0.0043 0.0001 mg/L 23-JUN-05 MX R296886 Titanium (Ti) <0.0003 0.0003 mg/L 23-JUN-05 MX R296886 Thallium (Tl) <0.00005 0.00005 mg/L 23-JUN-05 MX R296886 Uranium (U) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Vanadium (V) <0.0001 0.0001 mg/L 23-JUN-05 MX R296886 Zinc (Zn) <0.002 0.002 mg/L 23-JUN-05 MX R296886 Dissolved Major Metals Calcium (Ca) 0.8 0.5 mg/L 23-JUN-05 HAS R296643 Potassium (K) 0.2 0.1 mg/L 23-JUN-05 HAS R296643 Magnesium (Mg) 0.39 0.01 mg/L 23-JUN-05 HAS R296643 Sodium (Na) <0.5 0.5 mg/L 23-JUN-05 HAS R296643 Iron (Fe) 0.042 0.005 mg/L 23-JUN-05 HAS R296643 Manganese (Mn) 0.004 0.001 mg/L 23-JUN-05 HAS R296643 Ultra-Low Metals Iron (Fe) 0.068 0.005 mg/L 27-JUN-05 HAS R297666 Ultra-Low Metals Silver (Ag) <0.0001 0.0001 mg/L 24-JUN-05 JY R297064 Aluminum (Al) 0.0583 0.0003 mg/L 24-JUN-05 JY R297064 Arsenic (As) 0.00028 0.00003 mg/L 24-JUN-05 JY R297064 Boron (B) <0.001 0.001 mg/L 24-JUN-05 JY R297064 Barium (Ba) 0.00277 0.00005 mg/L 24-JUN-05 JY R297064 Beryllium (Be) <0.0002 0.0002 mg/L 24-JUN-05 JY R297064 Calcium (Ca) 0.75 0.02 mg/L 24-JUN-05 JY R297064 Cadmium (Cd) <0.00005 0.00005 mg/L 24-JUN-05 JY R297064									

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-5 MON 5 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Cobalt (Co)	0.0002		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00023		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0008		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.27		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.385		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0143		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.391		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00056		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00031		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0046		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00008		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00009		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0012		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.003		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.009		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.006		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.6		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	4.1		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.95		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	0.011		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	0.010		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.76		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.4		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	10.1		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	2			mg/L		27-JUN-05		
Hardness (as CaCO3)	4			mg/L		27-JUN-05		
ICP metals for routine water								
Calcium (Ca)	0.8		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)	0.2		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)	0.4		0.1	mg/L		25-JUN-05	EOC	R297232

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-5 MON 5 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Routine Water Analysis - Low Level ICP metals for routine water Sodium (Na)	<1		1	mg/L		25-JUN-05	EOC	R297232
L279999-6 MON 6 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Dissolved Metals Dissolved Trace Metals (Low Level)								
Silver (Ag)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)	0.05		0.01	mg/L		23-JUN-05	MX	R296886
Arsenic (As)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)	0.0017	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	<0.0006		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	0.0003		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0004		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0036	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.2		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.32		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.047		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.008		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.068		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0624		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00034		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00230		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.51		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0002		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00019		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	<0.0006		0.0006	mg/L		24-JUN-05	JY	R297064

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-6 MON 6 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.19		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.321		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0152		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.204		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00047		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00041		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0035		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00011		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0017		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.004		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.013		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.007		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.5		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	3.4		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.65		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.36		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.3		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	7.2		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	1			mg/L		27-JUN-05		
Hardness (as CaCO3)	3			mg/L		27-JUN-05		
ICP metals for routine water								
Calcium (Ca)	0.5		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)	0.1		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)	0.4		0.1	mg/L		25-JUN-05	EOC	R297232
Sodium (Na)	<1		1	mg/L		25-JUN-05	EOC	R297232

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-7 MON 7 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Silver (Ag)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)	0.05		0.01	mg/L		23-JUN-05	MX	R296886
Arsenic (As)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)	0.0017	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	0.0007		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0005		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0036	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.2		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.27		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.049		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.005		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.074		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0602		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00027		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00212		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.57		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0002		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00016		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0008		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.22		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.296		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0113		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.305		0.005	mg/L		24-JUN-05	JY	R297064

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-7 MON 7 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Nickel (Ni)	0.00046		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00021		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0034		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00007		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00009		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0014		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.008		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.010		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.010		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	<10		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	<0.5		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	4.0		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.70		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.54		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.3		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	7.8		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	2			mg/L		27-JUN-05		
Hardness (as CaCO3)	3			mg/L		27-JUN-05		
ICP metals for routine water								
Calcium (Ca)	0.6		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)	0.2		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)	0.3		0.1	mg/L		25-JUN-05	EOC	R297232
Sodium (Na)	<1		1	mg/L		25-JUN-05	EOC	R297232
L279999-8 MON 8 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Silver (Ag)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)	0.05		0.01	mg/L		23-JUN-05	MX	R296886

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-8 MON 8 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Arsenic (As)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)	0.0016		0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	0.0003		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	<0.0006		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0003	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0029		0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005	RAMB	0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.6		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	<0.1		0.1	mg/L		11-JUL-05	HAS	R302028
Magnesium (Mg)	0.29		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.047		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.010		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.081		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0817		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00025		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00217		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.56		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0003		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00022		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0009		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.22		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.296		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0110		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.332		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00042		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064

Sample Details/Parameters		Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-8 MON 8 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Ultra-Low Metals Ultra-Low Metals Antimony (Sb) 0.00019 0.00003 mg/L 24-JUN-05 JY R297064 Selenium (Se) <0.0001 0.0001 mg/L 24-JUN-05 JY R297064 Strontium (Sr) 0.0034 0.0001 mg/L 24-JUN-05 JY R297064 Uranium (U) 0.00008 0.00005 mg/L 24-JUN-05 JY R297064 Vanadium (V) 0.00018 0.00005 mg/L 24-JUN-05 JY R297064 Zinc (Zn) 0.0011 0.0008 mg/L 24-JUN-05 JY R297064 Phosphorus, Total Dissolved 0.004 0.001 mg/L 27-JUN-05 SHC R297685 Phosphorus, Total 0.013 0.001 mg/L 27-JUN-05 SHC R297685 Acidity (as CaCO3) <5 5 mg/L 23-JUN-05 WYA R296616 Ammonia-N <0.005 0.005 mg/L 29-JUN-05 WNG R298569 Orthophosphate (PO4-P) <0.001 0.001 mg/L 23-JUN-05 SHC R296668 Total Dissolved Solids 20 10 mg/L 24-JUN-05 SVG R296806 Total Inorganic Carbon <0.5 0.5 mg/L 30-JUL-05 ZOW R299067 Total Organic Carbon 3.7 0.5 mg/L 29-JUN-05 ZOW R298412 Total Suspended Solids <3 3 mg/L 24-JUN-05 SVG R296913 Turbidity 1.6 0.1 NTU 23-JUN-05 WYA R296780 Routine Water Analysis - Low Level Chloride (Cl) <1 1 mg/L 27-JUN-05 JTV R297660 Nitrate+Nitrite-N <0.006 0.006 mg/L 23-JUN-05 SHC R296668 Nitrate-N <0.006 0.006 mg/L 23-JUN-05 SHC R296668 Nitrite-N <0.002 0.002 mg/L 23-JUN-05 SHC R296668 Sulphate (SO4) 0.60 0.05 mg/L 23-JUN-05 JWU R295448 pH, Conductivity and Total Alkalinity pH 6.3 0.1 pH 24-JUN-05 PTT R296793 Conductivity (EC) 8.0 0.2 uS/cm 24-JUN-05 PTT R296793 Bicarbonate (HCO3) <5 5 mg/L 24-JUN-05 PTT R296793 Carbonate (CO3) <5 5 mg/L 24-JUN-05 PTT R296793 Hydroxide (OH) <5 5 mg/L 24-JUN-05 PTT R296793 Alkalinity, Total (as CaCO3) <5 5 mg/L 24-JUN-05 PTT R296793 Ion Balance Calculation Ion Balance Low EC % 27-JUN-05 TDS (Calculated) 2 mg/L 27-JUN-05 Hardness (as CaCO3) 3 mg/L 27-JUN-05 ICP metals for routine water Calcium (Ca) 0.6 0.5 mg/L 25-JUN-05 EOC R297232 Potassium (K) 0.2 0.1 mg/L 25-JUN-05 EOC R297232 Magnesium (Mg) 0.3 0.1 mg/L 25-JUN-05 EOC R297232 Sodium (Na) <1 1 mg/L 25-JUN-05 EOC R297232									
L279999-9 MON 9 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Dissolved Metals Dissolved Trace Metals (Low Level) Silver (Ag) <0.0002 RAMB 0.0002 mg/L 23-JUN-05 MX R296886 Aluminum (Al) 0.05 RRV 0.01 mg/L 23-JUN-05 MX R296886 Arsenic (As) <0.0004 0.0004 mg/L 23-JUN-05 MX R296886 Boron (B) <0.002 0.002 mg/L 23-JUN-05 MX R296886									

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-9 MON 9 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Barium (Ba)	0.0016	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	0.0008		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0004		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0042	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.1		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.28		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.030		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.006		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.046		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0445		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00024		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00204		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.66		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0002		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00015		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0008		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.23		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.348		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0116		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.394		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00041		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00022		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-9 MON 9 TAHERA Sample Date: 13-JUN-05 Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	0.0040		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0011		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.003		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.007		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	<0.005		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	20		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	0.5		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	3.6		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.40		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	1.01		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.4		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	9.3		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	2			mg/L		27-JUN-05		
Hardness (as CaCO3)	3			mg/L		27-JUN-05		
ICP metals for routine water								
Calcium (Ca)	0.7		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)	0.2		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)	0.4		0.1	mg/L		25-JUN-05	EOC	R297232
Sodium (Na)	<1		1	mg/L		25-JUN-05	EOC	R297232
L279999-10 MON 10 TAHERA Sample Date: 13-JUN-05 Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Silver (Ag)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)	0.04		0.01	mg/L		23-JUN-05	MX	R296886
Arsenic (As)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)	0.0018	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-10 MON 10 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	0.0010		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0004		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0025	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.2		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.27		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.055		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.009		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.074		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0521		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00026		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00195		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.57		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00013		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0007		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.20		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.293		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0126		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.275		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00038		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00013		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0034		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00005		0.00005	mg/L		24-JUN-05	JY	R297064

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-10 MON 10 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Ultra-Low Metals Ultra-Low Metals Vanadium (V) Zinc (Zn)	0.00006 0.0017		0.00005 0.0008	mg/L mg/L		24-JUN-05 24-JUN-05	JY JY	R297064 R297064
Phosphorus, Total Dissolved Phosphorus, Total Acidity (as CaCO3) Ammonia-N Orthophosphate (PO4-P) Total Dissolved Solids Total Inorganic Carbon Total Organic Carbon Total Suspended Solids Turbidity	0.003 0.009 <5 <0.005 <0.001 20 0.5 3.7 <3 0.45		0.001 0.001 5 0.005 0.001 10 0.5 0.5 3 0.1	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L NTU		27-JUN-05 27-JUN-05 23-JUN-05 29-JUN-05 23-JUN-05 24-JUN-05 30-JUL-05 29-JUN-05 24-JUN-05 23-JUN-05	SHC SHC WYA WNG SHC SVG ZOW ZOW SVG WYA	R297685 R297685 R296616 R298569 R296668 R296806 R299067 R298412 R296913 R296780
Routine Water Analysis - Low Level Chloride (Cl) Nitrate+Nitrite-N Nitrate-N Nitrite-N Sulphate (SO4)	<1 <0.006 <0.006 <0.002 0.53		1 0.006 0.006 0.002 0.05	mg/L mg/L mg/L mg/L mg/L		27-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05	JTV SHC SHC SHC JWU	R297660 R296668 R296668 R296668 R295448
pH, Conductivity and Total Alkalinity pH Conductivity (EC) Bicarbonate (HCO3) Carbonate (CO3) Hydroxide (OH) Alkalinity, Total (as CaCO3)	6.3 7.8 <5 <5 <5 <5		0.1 0.2 5 5 5 5	pH uS/cm mg/L mg/L mg/L mg/L		24-JUN-05 24-JUN-05 24-JUN-05 24-JUN-05 24-JUN-05 24-JUN-05	PTT PTT PTT PTT PTT PTT	R296793 R296793 R296793 R296793 R296793 R296793
Ion Balance Calculation Ion Balance TDS (Calculated) Hardness (as CaCO3)	Low EC 2 3			% mg/L mg/L		27-JUN-05 27-JUN-05 27-JUN-05		
ICP metals for routine water Calcium (Ca) Potassium (K) Magnesium (Mg) Sodium (Na)	0.6 0.2 0.3 <1		0.5 0.1 0.1 1	mg/L mg/L mg/L mg/L		25-JUN-05 25-JUN-05 25-JUN-05 25-JUN-05	EOC EOC EOC EOC	R297232 R297232 R297232 R297232
L279999-11 MON 11 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Dissolved Metals Dissolved Trace Metals (Low Level) Silver (Ag) Aluminum (Al) Arsenic (As) Boron (B) Barium (Ba) Beryllium (Be) Bismuth (Bi) Cadmium (Cd)	<0.0002 0.09 <0.0004 0.002 0.0024 <0.0005 0.00006 <0.0001	RAMB RAMB	0.0002 0.01 0.0004 0.002 0.0001 0.0005 0.00005 0.0001	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L		23-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05 23-JUN-05	MX MX MX MX MX MX MX MX	R296886 R296886 R296886 R296886 R296886 R296886 R296886 R296886

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-11 MON 11 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Cobalt (Co)	0.0002		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	0.0012		0.0006	mg/L		23-JUN-05	MX	R296886
Molybdenum (Mo)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0007		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	0.0007	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0040	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.6		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.3		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.33		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.035		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.002		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.042		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0970		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00028		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00246		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.67		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00023		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	0.0015		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.25		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.344		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0018		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.269		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00068		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00017		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0038		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	0.00014		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00008		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0015		0.0008	mg/L		24-JUN-05	JY	R297064

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-11 MON 11 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Ultra-Low Metals								
Phosphorus, Total Dissolved	0.004		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.009		0.001	mg/L		27-JUN-05	SHC	R297685
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.010		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	20		10	mg/L		24-JUN-05	SVG	R296806
Total Inorganic Carbon	<0.5		0.5	mg/L		30-JUL-05	ZOW	R299067
Total Organic Carbon	4.8		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.40		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.38		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.3		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	8.1		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	2			mg/L		27-JUN-05		
Hardness (as CaCO3)	3			mg/L		27-JUN-05		
ICP metals for routine water								
Calcium (Ca)	0.6		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)	0.2		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)	0.4		0.1	mg/L		25-JUN-05	EOC	R297232
Sodium (Na)	<1		1	mg/L		25-JUN-05	EOC	R297232
L279999-13 MON 6 DUPW2 TAHERA Sample Date: 13-JUN-05 Matrix: WATER Dissolved Metals Dissolved Trace Metals (Low Level)								
Silver (Ag)	<0.0002	RAMB	0.0002	mg/L		23-JUN-05	MX	R296886
Aluminum (Al)	0.05		0.01	mg/L		23-JUN-05	MX	R296886
Arsenic (As)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Boron (B)	<0.002		0.002	mg/L		23-JUN-05	MX	R296886
Barium (Ba)	0.0018	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Beryllium (Be)	<0.0005		0.0005	mg/L		23-JUN-05	MX	R296886
Bismuth (Bi)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Cadmium (Cd)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Cobalt (Co)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Chromium (Cr)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Copper (Cu)	<0.0006		0.0006	mg/L		23-JUN-05	MX	R296886

ENVIRO-TEST ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-13 MON 6 DUPW2 TAHERA								
Sample Date: 13-JUN-05								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals (Low Level)								
Molybdenum (Mo)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Nickel (Ni)	0.0004		0.0001	mg/L		23-JUN-05	MX	R296886
Lead (Pb)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Antimony (Sb)	<0.0004	RAMB	0.0004	mg/L		23-JUN-05	MX	R296886
Selenium (Se)	<0.0004		0.0004	mg/L		23-JUN-05	MX	R296886
Tin (Sn)	<0.0002		0.0002	mg/L		23-JUN-05	MX	R296886
Strontium (Sr)	0.0032	RAMB	0.0001	mg/L		23-JUN-05	MX	R296886
Titanium (Ti)	<0.0003		0.0003	mg/L		23-JUN-05	MX	R296886
Thallium (Tl)	<0.00005		0.00005	mg/L		23-JUN-05	MX	R296886
Uranium (U)	<0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Vanadium (V)	0.0001		0.0001	mg/L		23-JUN-05	MX	R296886
Zinc (Zn)	<0.002	RAMB	0.002	mg/L		23-JUN-05	MX	R296886
Dissolved Major Metals								
Calcium (Ca)	0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Potassium (K)	0.1		0.1	mg/L		23-JUN-05	HAS	R296643
Magnesium (Mg)	0.32		0.01	mg/L		23-JUN-05	HAS	R296643
Sodium (Na)	<0.5		0.5	mg/L		23-JUN-05	HAS	R296643
Iron (Fe)	0.057		0.005	mg/L		23-JUN-05	HAS	R296643
Manganese (Mn)	0.008		0.001	mg/L		23-JUN-05	HAS	R296643
Ultra-Low Metals								
Iron (Fe)	0.077		0.005	mg/L		27-JUN-05	HAS	R297666
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Aluminum (Al)	0.0611		0.0003	mg/L		24-JUN-05	JY	R297064
Arsenic (As)	0.00034		0.00003	mg/L		24-JUN-05	JY	R297064
Boron (B)	<0.001		0.001	mg/L		24-JUN-05	JY	R297064
Barium (Ba)	0.00238		0.00005	mg/L		24-JUN-05	JY	R297064
Beryllium (Be)	<0.0002		0.0002	mg/L		24-JUN-05	JY	R297064
Calcium (Ca)	0.52		0.02	mg/L		24-JUN-05	JY	R297064
Cadmium (Cd)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Cobalt (Co)	0.0002		0.0001	mg/L		24-JUN-05	JY	R297064
Chromium (Cr)	0.00020		0.00006	mg/L		24-JUN-05	JY	R297064
Copper (Cu)	<0.0006		0.0006	mg/L		24-JUN-05	JY	R297064
Mercury (Hg)	<0.00002		0.00002	mg/L		24-JUN-05	JY	R297064
Potassium (K)	0.20		0.02	mg/L		24-JUN-05	JY	R297064
Magnesium (Mg)	0.333		0.004	mg/L		24-JUN-05	JY	R297064
Manganese (Mn)	0.0151		0.0001	mg/L		24-JUN-05	JY	R297064
Molybdenum (Mo)	<0.00006		0.00006	mg/L		24-JUN-05	JY	R297064
Sodium (Na)	0.199		0.005	mg/L		24-JUN-05	JY	R297064
Nickel (Ni)	0.00048		0.00006	mg/L		24-JUN-05	JY	R297064
Lead (Pb)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Antimony (Sb)	0.00023		0.00003	mg/L		24-JUN-05	JY	R297064
Selenium (Se)	<0.0001		0.0001	mg/L		24-JUN-05	JY	R297064
Strontium (Sr)	0.0036		0.0001	mg/L		24-JUN-05	JY	R297064
Uranium (U)	<0.00005		0.00005	mg/L		24-JUN-05	JY	R297064
Vanadium (V)	0.00011		0.00005	mg/L		24-JUN-05	JY	R297064
Zinc (Zn)	0.0013		0.0008	mg/L		24-JUN-05	JY	R297064
Phosphorus, Total Dissolved	0.004		0.001	mg/L		27-JUN-05	SHC	R297685
Phosphorus, Total	0.012		0.001	mg/L		27-JUN-05	SHC	R297685

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Extracted	Analyzed	By	Batch
L279999-13 MON 6 DUPW2 TAHERA Sample Date: 13-JUN-05 Matrix: WATER								
Acidity (as CaCO3)	<5		5	mg/L		23-JUN-05	WYA	R296616
Ammonia-N	0.008		0.005	mg/L		29-JUN-05	WNG	R298569
Orthophosphate (PO4-P)	<0.001		0.001	mg/L		23-JUN-05	SHC	R296668
Total Dissolved Solids	20		10	mg/L		24-JUN-05	SVG	R296806
Total Organic Carbon	3.5		0.5	mg/L		29-JUN-05	ZOW	R298412
Total Suspended Solids	<3		3	mg/L		24-JUN-05	SVG	R296913
Turbidity	0.75		0.1	NTU		23-JUN-05	WYA	R296780
Routine Water Analysis - Low Level								
Chloride (Cl)	<1		1	mg/L		27-JUN-05	JTV	R297660
Nitrate+Nitrite-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrate-N	<0.006		0.006	mg/L		23-JUN-05	SHC	R296668
Nitrite-N	<0.002		0.002	mg/L		23-JUN-05	SHC	R296668
Sulphate (SO4)	0.35		0.05	mg/L		23-JUN-05	JWU	R295448
pH, Conductivity and Total Alkalinity								
pH	6.3		0.1	pH		24-JUN-05	PTT	R296793
Conductivity (EC)	7.0		0.2	uS/cm		24-JUN-05	PTT	R296793
Bicarbonate (HCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Carbonate (CO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Hydroxide (OH)	<5		5	mg/L		24-JUN-05	PTT	R296793
Alkalinity, Total (as CaCO3)	<5		5	mg/L		24-JUN-05	PTT	R296793
Ion Balance Calculation								
Ion Balance	Low EC			%		27-JUN-05		
TDS (Calculated)	1			mg/L		27-JUN-05		
Hardness (as CaCO3)	2			mg/L		27-JUN-05		
ICP metals for routine water								
Calcium (Ca)	0.5		0.5	mg/L		25-JUN-05	EOC	R297232
Potassium (K)	0.2		0.1	mg/L		25-JUN-05	EOC	R297232
Magnesium (Mg)	0.3		0.1	mg/L		25-JUN-05	EOC	R297232
Sodium (Na)	<1		1	mg/L		25-JUN-05	EOC	R297232
Refer to Referenced Information for Qualifiers (if any) and Methodology.								

Reference Information

Sample Parameter Qualifier key listed:

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

Methods Listed (if applicable):

ETL Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
ACIDITY-ED	Water	Acidity (as CaCO3)		APHA 2310 B - Potentiometric Titration
C-TOT-INORG-LOW-ED	Water	Total Inorganic Carbon		APHA 5310 B-Instrumental
C-TOT-ORG-LOW-ED	Water	Total Organic Carbon		APHA 5310 B-Instrumental
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-ROUTINE-LOW-ED	Water	ICP metals for routine water		APHA 3120 B-ICP/OES
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-DIS-LOW-ED	Water	Dissolved Trace Metals (Low Level)		EPA 6020
MET1-ULTRA-ED	Water	Ultra-Low Metals		EPA 6020
MET2-DIS-ED	Water	Dissolved Major Metals		EPA 200.7
MET2-ULTRA-ED	Water	Major Metals		EPA 200.7
N2N3-LOW-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3E-Colorimetry
NH4-LOW-ED	Water	Ammonia-N		APHA 4500 NH3F-Colorimetry
NO2-LOW-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-LOW-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
P-TOTAL-LOW-ED	Water	Phosphorus, Total		APHA 4500 P B,E-Auto-Colorimetry
P-TOTALDIS-LOW-ED	Water	Phosphorus, Dissolved		APHA 4500 P B,E-Auto-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320
PO4-LOW-ED	Water	Orthophosphate (PO4-P)		APHA 4500 P B,E-Auto-Colorimetry
SO4-LOW-ED	Water	Sulfate (SO4)		APHA 4110 B-Ion Chromatography
SOLIDS-TDS-ED	Water	Total Dissolved Solids		APHA 2540 C
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric
TURBIDITY-ED	Water	Turbidity		APHA 2130 B-Nephelometer

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

Chain of Custody numbers:

160866 160867

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	Enviro-Test Laboratories - 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 warning units are determined under column heading D.L.

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

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

< - Less than

D.L. - Detection Limit

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

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

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

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

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

Enviro-Test Laboratories 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, Enviro-Test Laboratories assumes no liability for the use or interpretation of the results.

Lab Data

2006 Muskox Lake Samples

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/13
Date Sampled: 2006/03/09
Report Date: 2006/03/23

Water Analysis

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3649 Musk-ox Lake
JoL	2006/03/20	Total Suspended Solids @105°C	mg/L (ppm)	APHA 2540-d	2	3
AD	2006/03/14	Phosphate - Ortho - Phosphorus	mg/L (ppm)	APHA 4110	0.20	< 0.20
JD	2006/03/15	Calcium	mg/L (ppm)	APHA 3120	0.5	2.1
JD	2006/03/15	Magnesium	mg/L (ppm)	APHA 3120	0.5	0.7
JD	2006/03/15	Potassium	mg/L (ppm)	APHA 3120	0.5	< 0.5
JD	2006/03/15	Sodium	mg/L (ppm)	APHA 3120 B	0.5	1.1
JD	2006/03/17	Iron (Total)	mg/L (ppm)	APHA 3030E/3120	0.10	< 0.10
JD	2006/03/17	Manganese (Total)	mg/L (ppm)	APHA 3030E/3120	0.01	< 0.01
JoL	2006/03/16	Bicarbonate	mg/L (ppm)	APHA 2320	1	11
JoL	2006/03/16	Carbonate	mg/L (ppm)	APHA 2320	1	< 1
AD	2006/03/14	Chloride	mg/L (ppm)	APHA 4110	0.1	1.5
JoL	2006/03/16	Fluoride	mg/L (ppm)	APHA 4500F-c	0.02	0.04
JoL	2006/03/16	Hydroxide (as CaCO ₃)	mg/L (ppm)	APHA 2320	1	< 1
AD	2006/03/14	Nitrate - Nitrogen	mg/L (ppm)	APHA 4110	0.05	< 0.05
AD	2006/03/14	Nitrite - Nitrogen	mg/L (ppm)	APHA 4110	0.05	< 0.05
AD	2006/03/14	Sulphate	mg/L (ppm)	APHA 4110	0.5	1.0
JoL	2006/03/16	Conductivity @ 25°C	mS/cm	APHA 2510 B	0.001	0.023
JoL	2006/03/16	pH @ 25°C	pH units	APHA 4500H	0.01	6.80
JoL	2006/03/20	Turbidity	NTU	APHA 2130-b	1	2
JoL	2006/03/16	T-Alkalinity as CaCO ₃	mg/L (ppm)	APHA 2320	1	9
JoL	2006/03/16	T-Dissolved Solids180°C	mg/L (ppm)	APHA 2540 C	10	16
		T-Hardness as CaCO ₃	mg/L (ppm)	APHA 2340-b	6.0	8.4
		Balance (+ions/-ions) Ratio		APHA 1030-e	0.01	0.91

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/13
Date Sampled: 2006/03/09
Report Date: 2006/03/23

Water Analysis

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3649 Musk-ox Lake
AD	2006/03/17	Carbon (Total Inorganic)	mg/L (ppm)	APHA 5310-b	1	< 1
AD	2006/03/17	Carbon (Total Organic)	mg/L (ppm)	APHA 5310-b	1	5
AD	2006/03/17	Ammonia - Nitrogen	mg/L (ppm)	APHA 4500NH3-d	0.1	< 0.1
AD	2006/03/13	Phosphorus (Total)	mg/L (ppm)	APHA 4500P-d	0.02	< 0.02
AD	2006/03/13	Acidity as CaCO3	mg/L (ppm)	APHA 2310B	1	5

All Analytical results pertain to samples analyzed as received.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810-93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8245



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/13
Date Sampled: 2006/03/09
Date of Report: 2006/03/20

Water Analysis - Total Metals - ICP/MS

Attention: Wray, Cheryl

Project No.: NA

EC-50205

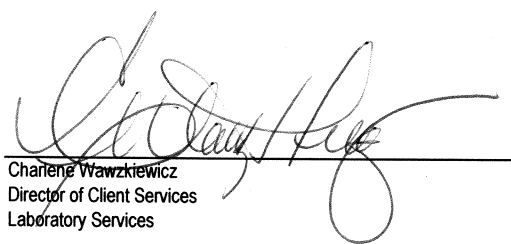
Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	06-3649-
						Musk-ox Lake
JD	2006/03/20	Mercury (Total)	mg/L (ppm)	APHA 3112	0.00005	< 0.00005
JD	2006/03/17	Strontium	mg/L (ppm)	APHA 3030E/3125B	0.0002	0.009
JD	2006/03/17	Aluminum	mg/L (ppm)	APHA 3030E/3125B	0.005	0.052
JD	2006/03/17	Antimony	mg/L (ppm)	APHA 3030E/3125B	0.0001	0.0006
JD	2006/03/17	Arsenic	mg/L (ppm)	APHA 3030E/3125B	0.0004	< 0.0004
JD	2006/03/17	Barium	mg/L (ppm)	APHA 3030E/3125B	0.005	0.006
JD	2006/03/17	Beryllium	mg/L (ppm)	APHA 3030E/3125B	0.0005	< 0.0005
JD	2006/03/17	Boron	mg/L (ppm)	APHA 3030E/3125B	0.010	< 0.010
JD	2006/03/17	Cadmium	mg/L (ppm)	APHA 3030E/3125B	0.0001	< 0.0001
JD	2006/03/17	Chromium	mg/L (ppm)	APHA 3030E/3125B	0.0009	< 0.0009
JD	2006/03/17	Cobalt	mg/L (ppm)	APHA 3030E/3125B	0.0001	< 0.0001
JD	2006/03/17	Copper	mg/L (ppm)	APHA 3030E/3125B	0.0010	0.0035
JD	2006/03/17	Lead	mg/L (ppm)	APHA 3030E/3125B	0.0001	0.0001
JD	2006/03/17	Molybdenum	mg/L (ppm)	APHA 3030E/3125B	0.0005	< 0.0005
JD	2006/03/17	Nickel	mg/L (ppm)	APHA 3030E/3125B	0.0006	< 0.0006
JD	2006/03/17	Selenium	mg/L (ppm)	APHA 3030E/3125B	0.0008	< 0.0008
JD	2006/03/17	Silver	mg/L (ppm)	APHA 3030E/3125B	0.0002	< 0.0002
JD	2006/03/17	Thallium	mg/L (ppm)	APHA 3030E/3125B	0.00005	< 0.00005
JD	2006/03/17	Uranium	mg/L (ppm)	APHA 3030E/3125B	0.00005	0.00011
JD	2006/03/17	Vanadium	mg/L (ppm)	APHA 3030E/3125B	0.0001	0.0003
JD	2006/03/17	Zinc	mg/L (ppm)	APHA 3030E/3125B	0.002	< 0.002

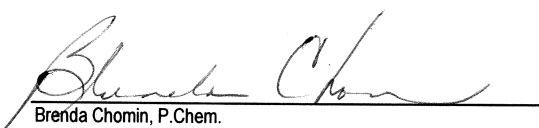
MDL: Method Detection Limit

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

Report reviewed by:


Charlene Wawzkiewicz
Director of Client Services
Laboratory Services


Brenda Chomin, P.Chem.
Manager
Laboratory Services

**All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense, or disposal can be arranged.) **

4810-93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8245



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/13
Date Sampled: 2006/03/09
Date of Report: 2006/03/20

Water Analysis - Dissolved Metals - ICP/MS

Attention: Wray, Cheryl

Project No.: NA

EC-50205

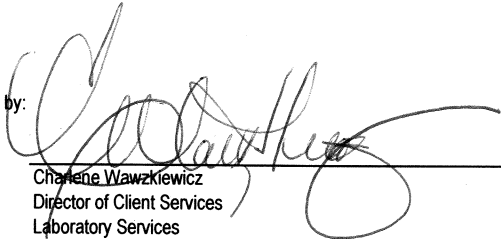
Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	06-3649-
						Musk-ox Lake
JD	2006/03/20	Mercury (Dissolved)	mg/L (ppm)	APHA 3112	0.00005	< 0.00005
JD	2006/03/17	Strontium	mg/L (ppm)	APHA 3125B	0.0001	0.0086
JD	2006/03/17	Aluminum	mg/L (ppm)	APHA 3125B	0.002	0.038
JD	2006/03/17	Antimony	mg/L (ppm)	APHA 3125B	0.0001	< 0.0001
JD	2006/03/17	Arsenic	mg/L (ppm)	APHA 3125B	0.0001	0.0002
JD	2006/03/17	Barium	mg/L (ppm)	APHA 3125B	0.003	0.005
JD	2006/03/17	Beryllium	mg/L (ppm)	APHA 3125B	0.0001	< 0.0001
JD	2006/03/17	Boron	mg/L (ppm)	APHA 3125B	0.004	0.009
JD	2006/03/17	Cadmium	mg/L (ppm)	APHA 3125B	0.00005	< 0.00005
JD	2006/03/17	Chromium	mg/L (ppm)	APHA 3125B	0.0004	< 0.0004
JD	2006/03/17	Cobalt	mg/L (ppm)	APHA 3125B	0.00005	< 0.00005
JD	2006/03/17	Copper	mg/L (ppm)	APHA 3125B	0.0010	0.0014
JD	2006/03/17	Lead	mg/L (ppm)	APHA 3125B	0.00005	< 0.00005
JD	2006/03/17	Molybdenum	mg/L (ppm)	APHA 3125B	0.0003	< 0.0003
JD	2006/03/17	Nickel	mg/L (ppm)	APHA 3125B	0.0001	0.0003
JD	2006/03/17	Selenium	mg/L (ppm)	APHA 3125B	0.0004	< 0.0004
JD	2006/03/17	Silver	mg/L (ppm)	APHA 3125B	0.00005	< 0.00005
JD	2006/03/17	Thallium	mg/L (ppm)	APHA 3125B	0.00002	< 0.00002
JD	2006/03/17	Uranium	mg/L (ppm)	APHA 3125B	0.00005	0.00009
JD	2006/03/17	Vanadium	mg/L (ppm)	APHA 3125B	0.0005	< 0.0005
JD	2006/03/17	Zinc	mg/L (ppm)	APHA 3125B	0.002	< 0.002

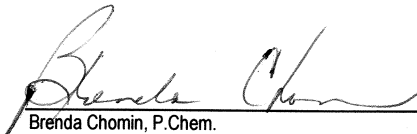
MDL: Method Detection Limit

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

Report reviewed by:


Charlene Wawzkiewicz
Director of Client Services
Laboratory Services


Brenda Chomin, P.Chem.
Manager
Laboratory Services

**All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense, or disposal can be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/13
Date Sampled: 2006/03/09
Report Date: 2006/03/23

Water Analysis - Total Metals - ICP

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3649 Musk-ox Lake
JD	2006/03/17	Calcium	mg/L (ppm)	APHA 3030E/3120	0.50	1.87
JD	2006/03/17	Iron	mg/L (ppm)	APHA 3030E/3120	0.10	< 0.10
JD	2006/03/17	Magnesium	mg/L (ppm)	APHA 3030E/3120	0.50	0.73
JD	2006/03/17	Manganese	mg/L (ppm)	APHA 3030E/3120	0.010	< 0.010
JD	2006/03/17	Potassium	mg/L (ppm)	APHA 3030E/3120	0.5	< 0.5
JD	2006/03/17	Silicon	mg/L (ppm)	APHA 3030E/3120	0.01	0.95
JD	2006/03/17	Sodium	mg/L (ppm)	APHA 3030E/3120	0.5	0.7

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/13
Date Sampled: 2006/03/09
Report Date: 2006/03/23

Water Analysis - Dissolved Metals - ICP

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3649 Musk-ox Lake
JD	2006/03/15	Calcium	mg/L (ppm)	APHA 3120	0.50	2.14
JD	2006/03/15	Iron	mg/L (ppm)	APHA 3120	0.10	< 0.10
JD	2006/03/15	Magnesium	mg/L (ppm)	APHA 3120	0.50	0.74
JD	2006/03/15	Manganese	mg/L (ppm)	APHA 3120	0.010	< 0.010
JD	2006/03/15	Potassium	mg/L (ppm)	APHA 3120	0.5	< 0.5
JD	2006/03/15	Silicon	mg/L (ppm)	APHA 3120	0.01	0.97
JD	2006/03/15	Sodium	mg/L (ppm)	APHA 3120	0.5	1.1

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Sample was filtered and preserved in laboratory.

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/03/23

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JoL	2006/03/20	Total Suspended Solids @105°C	mg/L (ppm)	APHA 2540-d	2	65	60.7-73.8	67.30	SLD1132
AD	2006/03/14	Phosphate - Ortho - Phosphorus	mg/L (ppm)	APHA 4110	0.20	36.9	36-44	40.00	CC-Anion-78
JD	2006/03/15	Calcium	mg/L (ppm)	APHA 3120	0.2	39.4	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/15	Magnesium	mg/L (ppm)	APHA 3120	0.5	39.9	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/15	Potassium	mg/L (ppm)	APHA 3120	0.5	36.1	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/15	Sodium	mg/L (ppm)	APHA 3120	0.5	41.3	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Iron (Total)	mg/L (ppm)	APHA 3120	0.01	1.02	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/17	Manganese (Total)	mg/L (ppm)	APHA 3120	0.00	1.09	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
AD	2006/03/14	Chloride	mg/L (ppm)	APHA 4110	0.1	19.6	18-22	20.00	CC-Anion-78
JoL	2006/03/16	Fluoride	mg/L (ppm)	APHA 4500F-c	0.02	4.98	4.5-5.5	5.00	CC-F-5.0-1
AD	2006/03/14	Nitrate - Nitrogen	mg/L (ppm)	APHA 4110	0.05	9.32	8.1-9.9	9.00	CC-Anion-78
AD	2006/03/14	Nitrite - Nitrogen	mg/L (ppm)	APHA 4110	0.05	9.76	8.1-9.9	9.00	CC-Anion-78
AD	2006/03/14	Sulphate	mg/L (ppm)	APHA 4110	0.5	130	113-138	125.00	CC-Anion-78
JoL	2006/03/16	Conductivity @ 25°C	mS/cm	APHA 2510 B	0.001	2.80	2.661-2.941	2.80	CC-EC-0.02M-2
JoL	2006/03/16	pH @ 25°C	---	APHA 4500H	0.01	6.03	5.95-6.05	6.00	cc-pH-117
JoL	2006/03/20	Turbidity	NTU	APHA 2130-b	1	15	12-16	14.00	W-Turb-1042
JoL	2006/03/16	T-Alkalinity as CaCO3	mg/L (ppm)	APHA 2320	1	121	115.62-127.79	121.70	QC-Na2CO3-1
JoL	2006/03/16	T-Dissolved Solids180°C	mg/L (ppm)	APHA 2540-c	2	1510	1383-1691	1,537.00	SLD1132

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/03/23

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
AD	2006/03/17	Carbon (Total Inorganic)	mg/L (ppm)	APHA 5310-B	1	104	90-110	100.00	CC-InC-100-1
AD	2006/03/17	Carbon (Total Organic)	mg/L (ppm)	APHA 5310-B	1	23	20-25	22.00	DMD-35
AD	2006/03/17	Ammonia - Nitrogen	mg/L (ppm)	APHA 4500NH3-f	0.1	5.1	4.2-5.6	4.90	Nut-1-1107
AD	2006/03/13	Phosphorus (Total)	mg/L (ppm)	APHA 4500P-d	0.02	8.28	6.24-9.45	7.86	Nut-2-34

All Analytical results pertain to samples analyzed as received.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/03/23

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JD	2006/03/20	Mercury (Total)	µg/L (ppb)	APHA 3112	0.10	2.81	2.52-3.08	2.80	P-TM01055
JD	2006/03/17	Strontium	µg/L (ppb)	APHA 3030E/3125B	0.2	54.6	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Aluminum	µg/L (ppb)	APHA 3030E/3125B	2	52	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Antimony	µg/L (ppb)	APHA 3030E/3125B	0.1	101	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Arsenic	µg/L (ppb)	APHA 3030E/3125B	0.1	107	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Barium	µg/L (ppb)	APHA 3030E/3125B	3	54	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Beryllium	µg/L (ppb)	APHA 3030E/3125B	0.1	50.0	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Boron	µg/L (ppb)	APHA 3030E/3125B	4	52	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Cadmium	µg/L (ppb)	APHA 3030E/3125B	0.1	53.3	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Chromium	µg/L (ppb)	APHA 3030E/3125B	0.4	50.3	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Cobalt	µg/L (ppb)	APHA 3030E/3125B	0.1	52.2	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Copper	µg/L (ppb)	APHA 3030E/3125B	2.0	53.2	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Lead	µg/L (ppb)	APHA 3030E/3125B	0.1	102	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Molybdenum	µg/L (ppb)	APHA 3030E/3125B	0.3	54.6	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Nickel	µg/L (ppb)	APHA 3030E/3125B	0.1	51.8	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Selenium	µg/L (ppb)	APHA 3030E/3125B	0.4	53.1	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Silver	µg/L (ppb)	APHA 3030E/3125B	0.1	13.3	11.25-13.75	12.50	MS-CCV-HIGH
JD	2006/03/17	Thallium	µg/L (ppb)	APHA 3030E/3125B	0.02	246	225-275	250.00	MS-CCV-HIGH
JD	2006/03/17	Uranium	µg/L (ppb)	APHA 3030E/3125B	0.05	95.3	90-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Vanadium	µg/L (ppb)	APHA 3030E/3125B	0.5	51.9	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Zinc	µg/L (ppb)	APHA 3030E/3125B	2	54	45-55	50.00	MS-CCV-HIGH

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/03/23

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JD	2006/03/20	Mercury (Dissolved)	µg/L (ppb)	APHA 3112	0.10	2.81	2.52-3.08	2.80	P-TM01055
JD	2006/03/17	Strontium	µg/L (ppb)	APHA 3125B	0.2	51.4	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Aluminum	µg/L (ppb)	APHA 3125B	2	51	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Antimony	µg/L (ppb)	APHA 3125B	0.1	106	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Arsenic	µg/L (ppb)	APHA 3125B	0.1	99.4	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Barium	µg/L (ppb)	APHA 3125B	3	53	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Beryllium	µg/L (ppb)	APHA 3125B	0.1	50.7	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Boron	µg/L (ppb)	APHA 3125B	4	48	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Cadmium	µg/L (ppb)	APHA 3125B	0.05	50.8	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Chromium	µg/L (ppb)	APHA 3125B	0.4	48.2	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Cobalt	µg/L (ppb)	APHA 3125B	0.05	49.7	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Copper	µg/L (ppb)	APHA 3125B	2.0	50.4	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Lead	µg/L (ppb)	APHA 3125B	0.05	98.2	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Molybdenum	µg/L (ppb)	APHA 3125B	0.3	51.9	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Nickel	µg/L (ppb)	APHA 3125B	0.1	50.0	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Selenium	µg/L (ppb)	APHA 3125B	0.4	50.6	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Silver	µg/L (ppb)	APHA 3125B	0.05	13.2	11.25-13.75	12.50	MS-CCV-HIGH
JD	2006/03/17	Thallium	µg/L (ppb)	APHA 3125B	0.02	246	225-275	250.00	MS-CCV-HIGH
JD	2006/03/17	Uranium	µg/L (ppb)	APHA 3125B	0.05	97.0	90-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Vanadium	µg/L (ppb)	APHA 3125B	0.5	51.5	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Zinc	µg/L (ppb)	APHA 3125B	2	48	45-55	50.00	MS-CCV-HIGH

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/03/23

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JD	2006/03/15	Calcium	mg/L (ppm)	APHA 3120	0.20	39.4	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/15	Iron	mg/L (ppm)	APHA 3120	0.01	1.03	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/15	Magnesium	mg/L (ppm)	APHA 3120	0.50	39.9	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/15	Manganese	mg/L (ppm)	APHA 3120	0.002	1.07	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/15	Potassium	mg/L (ppm)	APHA 3120	0.5	36.1	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/15	Silicon	mg/L (ppm)	APHA 3120	0.01	2.54	2.10-2.57	2.33	QCP-QCS (CCV-Cats)
JD	2006/03/15	Sodium	mg/L (ppm)	APHA 3120	0.5	37.0	33.8-41.3	37.50	SC4166266 (CCV)

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Sample was filtered and preserved in laboratory.

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/03/23

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50205

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JD	2006/03/17	Calcium	mg/L (ppm)	APHA 3030E/3120	0.20	38.4	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Iron	mg/L (ppm)	APHA 3030E/3120	0.01	1.02	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/17	Magnesium	mg/L (ppm)	APHA 3030E/3120	0.50	39.1	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Manganese	mg/L (ppm)	APHA 3030E/3120	0.002	1.09	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/17	Potassium	mg/L (ppm)	APHA 3030E/3120	0.5	35.0	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Silicon	mg/L (ppm)	APHA 3030E/3120	0.01	2.49	2.10-2.57	2.33	QCP-QCS (CCV-Cats)
JD	2006/03/17	Sodium	mg/L (ppm)	APHA 3030E/3120	0.5	38.5	33.8-41.3	37.50	SC4166266 (CCV)

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/14
Date Sampled: 2006/03/11
Report Date: 2006/04/11

Water Analysis

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3680 Muskox Pre-RC
JoL	2006/03/20	Total Suspended Solids @105°C	mg/L (ppm)	APHA 2540-d	2	< 2
AD	2006/03/14	Phosphate - Ortho - Phosphorus	mg/L (ppm)	APHA 4110	0.20	< 0.20
JD	2006/03/20	Calcium	mg/L (ppm)	APHA 3120	0.5	1.0
JD	2006/03/20	Magnesium	mg/L (ppm)	APHA 3120	0.5	0.6
JD	2006/03/20	Potassium	mg/L (ppm)	APHA 3120	0.5	< 0.5
JD	2006/03/20	Sodium	mg/L (ppm)	APHA 3120 B	0.5	0.8
JD	2006/03/17	Iron (Total)	mg/L (ppm)	APHA 3030E/3120	0.10	< 0.10
JD	2006/03/17	Manganese (Total)	mg/L (ppm)	APHA 3030E/3120	0.01	< 0.01
JoL	2006/03/16	Bicarbonate	mg/L (ppm)	APHA 2320	1	13
JoL	2006/03/16	Carbonate	mg/L (ppm)	APHA 2320	1	< 1
AD	2006/03/14	Chloride	mg/L (ppm)	APHA 4110	0.1	0.5
JoL	2006/03/16	Fluoride	mg/L (ppm)	APHA 4500F-c	0.02	0.05
JoL	2006/03/16	Hydroxide (as CaCO ₃)	mg/L (ppm)	APHA 2320	1	< 1
AD	2006/03/14	Nitrate - Nitrogen	mg/L (ppm)	APHA 4110	0.05	0.06
AD	2006/03/14	Nitrite - Nitrogen	mg/L (ppm)	APHA 4110	0.05	< 0.05
AD	2006/03/14	Sulphate	mg/L (ppm)	APHA 4110	0.5	0.8
JoL	2006/03/16	Conductivity @ 25°C	mS/cm	APHA 2510 B	0.001	0.020
JoL	2006/03/16	pH @ 25°C	pH units	APHA 4500H	0.01	6.83
JoL	2006/03/20	Turbidity	NTU	APHA 2130-b	1	2
JoL	2006/03/16	T-Alkalinity as CaCO ₃	mg/L (ppm)	APHA 2320	1	10
JoL	2006/03/16	T-Dissolved Solids 180°C	mg/L (ppm)	APHA 2540 C	10	15
		T-Hardness as CaCO ₃	mg/L (ppm)	APHA 2340-b	6.0	< 6.0
		Balance (+ions/-ions)	Ratio	APHA 1030-e	0.01	0.57

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

Balance outside of limits - Reported results were confirmed, poor balance could possibly be due to the presence of a cationic and/or anionic constituent(s) not analyzed for in the general potable water analyses.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/14
Date Sampled: 2006/03/11
Report Date: 2006/04/11

Water Analysis

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3680 Muskox Pre-RC
AD	2006/03/17	Carbon (Total Inorganic)	mg/L (ppm)	APHA 5310-b	1	< 1
AD	2006/03/17	Carbon (Total Organic)	mg/L (ppm)	APHA 5310-b	1	5
AD	2006/03/17	Ammonia - Nitrogen	mg/L (ppm)	APHA 4500NH3-d	0.1	0.1
AD	2006/03/20	Phosphorus (Total)	mg/L (ppm)	APHA 4500P-d	0.02	0.15
AD	2006/03/17	Acidity as CaCO3	mg/L (ppm)	APHA 2310B	1	3

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810-93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8245



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/14
Date Sampled: 2006/03/11
Date of Report: 2006/03/21

Water Analysis - Total Metals - ICP/MS

Attention: Wray, Cheryl

Project No.: NA

EC-50208

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	06-3680-
						Muskox Pre-RC
JD	2006/03/20	Mercury (Total)	mg/L (ppm)	APHA 3112	0.00005	< 0.00005
JD	2006/03/17	Strontium	mg/L (ppm)	APHA 3030E/3125B	0.0002	0.0093
JD	2006/03/17	Aluminum	mg/L (ppm)	APHA 3030E/3125B	0.005	0.052
JD	2006/03/17	Antimony	mg/L (ppm)	APHA 3030E/3125B	0.0001	< 0.0001
JD	2006/03/17	Arsenic	mg/L (ppm)	APHA 3030E/3125B	0.0004	< 0.0004
JD	2006/03/17	Barium	mg/L (ppm)	APHA 3030E/3125B	0.005	< 0.005
JD	2006/03/17	Beryllium	mg/L (ppm)	APHA 3030E/3125B	0.0005	< 0.0005
JD	2006/03/17	Boron	mg/L (ppm)	APHA 3030E/3125B	0.010	< 0.010
JD	2006/03/17	Cadmium	mg/L (ppm)	APHA 3030E/3125B	0.0001	< 0.0001
JD	2006/03/17	Chromium	mg/L (ppm)	APHA 3030E/3125B	0.0009	< 0.0009
JD	2006/03/17	Cobalt	mg/L (ppm)	APHA 3030E/3125B	0.0001	< 0.0001
JD	2006/03/17	Copper	mg/L (ppm)	APHA 3030E/3125B	0.0010	0.001
JD	2006/03/17	Lead	mg/L (ppm)	APHA 3030E/3125B	0.0001	0.0001
JD	2006/03/17	Molybdenum	mg/L (ppm)	APHA 3030E/3125B	0.0005	< 0.0005
JD	2006/03/17	Nickel	mg/L (ppm)	APHA 3030E/3125B	0.0006	< 0.0006
JD	2006/03/17	Selenium	mg/L (ppm)	APHA 3030E/3125B	0.0008	< 0.0008
JD	2006/03/17	Silver	mg/L (ppm)	APHA 3030E/3125B	0.0002	< 0.0002
JD	2006/03/17	Thallium	mg/L (ppm)	APHA 3030E/3125B	0.00005	< 0.00005
JD	2006/03/17	Uranium	mg/L (ppm)	APHA 3030E/3125B	0.00005	0.00012
JD	2006/03/17	Vanadium	mg/L (ppm)	APHA 3030E/3125B	0.0001	0.0003
JD	2006/03/17	Zinc	mg/L (ppm)	APHA 3030E/3125B	0.002	< 0.002

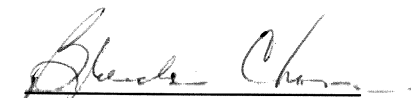
MDL: Method Detection Limit

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

Report reviewed by:


Charlene Wawzkiewicz
Director of Client Services
Laboratory Services


Brenda Chomin, P.Chem.
Manager
Laboratory Services

**All samples will be disposed of after 30 days following analysis.

Please contact the lab if you require additional sample storage time.

(Samples deemed hazardous will be returned to the client at their

own expense, or disposal can be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Date Received: 2006/03/14
Date Sampled: 2006/03/11
Report Date: 2006/04/11

Water Analysis - Total Metals - ICP

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	MDL	06-3680 Muskox Pre-RC
JD	2006/03/17	Calcium	mg/L (ppm)	APHA 3030E/3120	0.50	1.56
JD	2006/03/17	Iron	mg/L (ppm)	APHA 3030E/3120	0.10	< 0.10
JD	2006/03/17	Magnesium	mg/L (ppm)	APHA 3030E/3120	0.50	0.78
JD	2006/03/17	Manganese	mg/L (ppm)	APHA 3030E/3120	0.010	< 0.010
JD	2006/03/17	Potassium	mg/L (ppm)	APHA 3030E/3120	0.5	< 0.5
JD	2006/03/17	Silicon	mg/L (ppm)	APHA 3030E/3120	0.01	1.04
JD	2006/03/17	Sodium	mg/L (ppm)	APHA 3030E/3120	0.5	0.6

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage
time. (Samples deemed hazardous will be returned to the client
at their own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/04/11

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/mm/dd)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JoL	2006/03/20	Total Suspended Solids @105°C	mg/L (ppm)	APHA 2540-d	2	65	60.7-73.8	67.30	SLD1132
AD	2006/03/14	Phosphate - Ortho - Phosphorus	mg/L (ppm)	APHA 4110	0.20	36.9	36-44	40.00	CC-Anion-78
JD	2006/03/20	Calcium	mg/L (ppm)	APHA 3120	0.2	38.6	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/20	Magnesium	mg/L (ppm)	APHA 3120	0.5	40.4	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/20	Potassium	mg/L (ppm)	APHA 3120	0.5	38.6	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/20	Sodium	mg/L (ppm)	APHA 3120	0.5	37.2	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Iron (Total)	mg/L (ppm)	APHA 3120	0.01	1.02	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/17	Manganese (Total)	mg/L (ppm)	APHA 3120	0.00	1.09	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
AD	2006/03/14	Chloride	mg/L (ppm)	APHA 4110	0.1	19.6	18-22	20.00	CC-Anion-78
JoL	2006/03/16	Fluoride	mg/L (ppm)	APHA 4500F-c	0.02	4.98	4.5-5.5	5.00	CC-F-5.0-1
AD	2006/03/14	Nitrate - Nitrogen	mg/L (ppm)	APHA 4110	0.05	9.32	8.1-9.9	9.00	CC-Anion-78
AD	2006/03/14	Nitrite - Nitrogen	mg/L (ppm)	APHA 4110	0.05	9.76	8.1-9.9	9.00	CC-Anion-78
AD	2006/03/14	Sulphate	mg/L (ppm)	APHA 4110	0.5	130	113-138	125.00	CC-Anion-78
JoL	2006/03/16	Conductivity @ 25°C	mS/cm	APHA 2510 B	0.001	2.80	2.661-2.941	2.80	CC-EC-0.02M-2
JoL	2006/03/16	pH @ 25°C	---	APHA 4500H	0.01	6.03	5.95-6.05	6.00	cc-pH-117
JoL	2006/03/20	Turbidity	NTU	APHA 2130-b	1	15	12-16	14.00	W-Turb-1042
JoL	2006/03/16	T-Alkalinity as CaCO ₃	mg/L (ppm)	APHA 2320	1	121	115.62-127.79	121.70	QC-Na ₂ CO ₃ -1
JoL	2006/03/16	T-Dissolved Solids180°C	mg/L (ppm)	APHA 2540-c	2	1510	1383-1691	1,537.00	SLD1132

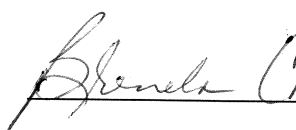
All Analytical results pertain to samples analyzed as received.

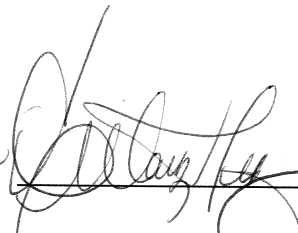
APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

Balance outside of limits - Reported results were confirmed, poor balance could possibly be due to the presence of a cationic and/or anionic constituent(s) not analyzed for in the general po water analyses.

MDL - Method Detection Limit

Report reviewed by:


Brenda Chomin, P.Chem
Manager
Laboratory Services


Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/04/11

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
AD	2006/03/17	Carbon (Total Inorganic)	mg/L (ppm)	APHA 5310-B	1	104	90-110	100.00	CC-InC-100-1
AD	2006/03/17	Carbon (Total Organic)	mg/L (ppm)	APHA 5310-B	1	23	20-25	22.00	DMD-35
AD	2006/03/17	Ammonia - Nitrogen	mg/L (ppm)	APHA 4500NH3-f	0.1	5.1	4.2-5.6	4.90	Nut-1-1107
AD	2006/03/20	Phosphorus (Total)	mg/L (ppm)	APHA 4500P-d	0.02	8.21	6.24-9.45	7.86	Nut-2-34

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/04/11

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JD	2006/03/20	Mercury (Total)	µg/L (ppb)	APHA 3112	0.10	2.81	2.52-3.08	2.80	P-TM01055
JD	2006/03/17	Strontium	µg/L (ppb)	APHA 3030E/3125B	0.2	54.6	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Aluminum	µg/L (ppb)	APHA 3030E/3125B	2	52	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Antimony	µg/L (ppb)	APHA 3030E/3125B	0.1	101	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Arsenic	µg/L (ppb)	APHA 3030E/3125B	0.1	107	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Barium	µg/L (ppb)	APHA 3030E/3125B	3	54	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Beryllium	µg/L (ppb)	APHA 3030E/3125B	0.1	50.0	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Boron	µg/L (ppb)	APHA 3030E/3125B	4	52	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Cadmium	µg/L (ppb)	APHA 3030E/3125B	0.1	53.3	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Chromium	µg/L (ppb)	APHA 3030E/3125B	0.4	50.3	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Cobalt	µg/L (ppb)	APHA 3030E/3125B	0.1	52.2	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Copper	µg/L (ppb)	APHA 3030E/3125B	2.0	53.2	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Lead	µg/L (ppb)	APHA 3030E/3125B	0.1	102	90.0-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Molybdenum	µg/L (ppb)	APHA 3030E/3125B	0.3	54.6	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Nickel	µg/L (ppb)	APHA 3030E/3125B	0.1	51.8	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Phosphorus	µg/L (ppb)	APHA 3030E/3125B	5	257	225-275	250.00	MS-CCV-HIGH
JD	2006/03/17	Selenium	µg/L (ppb)	APHA 3030E/3125B	0.4	53.1	45-55	50.00	MS-CCV-HIGH
JD	2006/03/17	Silver	µg/L (ppb)	APHA 3030E/3125B	0.1	13.3	11.25-13.75	12.50	MS-CCV-HIGH
JD	2006/03/17	Thallium	µg/L (ppb)	APHA 3030E/3125B	0.02	246	225-275	250.00	MS-CCV-HIGH
JD	2006/03/17	Uranium	µg/L (ppb)	APHA 3030E/3125B	0.05	95.3	90-110	100.00	MS-CCV-HIGH
JD	2006/03/17	Vanadium	µg/L (ppb)	APHA 3030E/3125B	0.5	51.9	45.0-55.0	50.00	MS-CCV-HIGH
JD	2006/03/17	Zinc	µg/L (ppb)	APHA 3030E/3125B	2	54	45-55	50.00	MS-CCV-HIGH

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (780) 436-2152
Fax: (780) 435-8425



ANALYTICAL REPORT

Tahera Diamond Corporation
c/o Arctic Sunwest Charters 100 Dickens Street
Yellowknife, NT X1A 2P8

Report Date: 2006/04/11

Quality Control Standard

Attention: Wray, Cheryl

Project No. NA

File No.: EC-50208

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
JD	2006/03/17	Calcium	mg/L (ppm)	APHA 3030E/3120	0.20	38.4	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Iron	mg/L (ppm)	APHA 3030E/3120	0.01	1.02	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/17	Magnesium	mg/L (ppm)	APHA 3030E/3120	0.50	39.1	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Manganese	mg/L (ppm)	APHA 3030E/3120	0.002	1.09	0.90-1.10	1.00	QCP-QCS (CCV-Cats)
JD	2006/03/17	Potassium	mg/L (ppm)	APHA 3030E/3120	0.5	35.0	33.8-41.3	37.50	SC4166266 (CCV)
JD	2006/03/17	Silicon	mg/L (ppm)	APHA 3030E/3120	0.01	2.49	2.10-2.57	2.33	QCP-QCS (CCV-Cats)
JD	2006/03/17	Sodium	mg/L (ppm)	APHA 3030E/3120	0.5	38.5	33.8-41.3	37.50	SC4166266 (CCV)

All Analytical results pertain to samples analyzed as received.

APHA: Standard Method for the Examination of Water and Wastewater, 1998. 20th Ed. American Public Health Association.

MDL - Method Detection Limit

Report reviewed by:

Brenda Chomin, P.Chem
Manager
Laboratory Services

Charlene Wawzkiewicz
Director of Client Services
Laboratory Services

** All samples will be disposed of after 30 days following analysis.
Please contact the lab if you require additional sample storage time.
(Samples deemed hazardous will be returned to the client at their
own expense or disposal will be arranged.) **

Lab Data

2007 Muskox Camp Samples

Taken from Lake adjacent to camp



Environmental Division

ANALYTICAL REPORT

TAHERA DIAMOND CORPORATION

ATTN: ENVIRONMENT DEPARTMENT

BOX 2341

YELLOWKNIFE NT X1A 2P7

Reported On: 20-AUG-07 07:57 PM

Lab Work Order #: **L535986**

Date Received: **30-JUL-07**

Project P.O. #:

Job Reference: MUSKOX

Legal Site Desc:

CofC Numbers:

Other Information:

Comments:

Timothy Guy Crowther
General Manager, Vancouver

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

Andre Langlais

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

		Sample ID				
		Description				
		Sampled Date				
		Sampled Time				
		Client ID				
Grouping	Analyte					
WATER						
Physical Tests	Hardness (as CaCO ₃) (mg/L)	4.89	5.06	5.27		
	Conductivity (uS/cm)	13.8	12.6	14.0		
	pH (pH)	6.62	6.79	6.73		
	Total Dissolved Solids (mg/L)	14	11	11		
	Total Suspended Solids (mg/L)	<3.0	<3.0	<3.0		
	Turbidity (NTU)	0.54	0.77	0.43		
Anions and Nutrients	Ammonia as N (mg/L)	<0.0050	<0.0050	<0.0050		
	Acidity (as CaCO ₃) (mg/L)	<1.0	<1.0	1.0		
	Alkalinity, Bicarbonate (as CaCO ₃) (mg/L)	4.1	3.8	4.3		
	Alkalinity, Carbonate (as CaCO ₃) (mg/L)	<1.0	<1.0	<1.0		
	Alkalinity, Hydroxide (as CaCO ₃) (mg/L)	<1.0	<1.0	<1.0		
	Alkalinity, Total (as CaCO ₃) (mg/L)	4.1	3.8	4.3		
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50		
	Sulfate (SO ₄) (mg/L)	1.28	1.28	1.24		
	Nitrate (as N) (mg/L)	0.0712	0.0095	0.0726		
	Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010		
	Ortho Phosphate as P (mg/L)	<0.0010	<0.0010	<0.0010		
	Total Dissolved Phosphate As P (mg/L)	0.0024	<0.0020	<0.0020		
	Total Phosphate as P (mg/L)	0.0046	0.0031	0.0035		
Total Metals	Aluminum (Al)-Total (mg/L)	0.0232	0.0391	0.0208		
	Antimony (Sb)-Total (mg/L)	<0.00010	<0.00010	<0.00010		
	Arsenic (As)-Total (mg/L)	0.00024	0.00025	0.00016		
	Barium (Ba)-Total (mg/L)	0.00195	0.00231	0.00252		
	Beryllium (Be)-Total (mg/L)	<0.00050	<0.00050	<0.00050		
	Bismuth (Bi)-Total (mg/L)	<0.00050	<0.00050	<0.00050		
	Boron (B)-Total (mg/L)	<0.010	<0.010	<0.010		
	Cadmium (Cd)-Total (mg/L)	<0.000050	<0.000050	<0.000050		
	Calcium (Ca)-Total (mg/L)	1.10	1.21	1.03		
	Chromium (Cr)-Total (mg/L)	<0.00050	<0.00050	<0.00050		
	Cobalt (Co)-Total (mg/L)	<0.00010	0.00010	<0.00010		
	Copper (Cu)-Total (mg/L)	0.00091	0.00128	0.00099		
	Iron (Fe)-Total (mg/L)	<0.030	0.056	<0.030		
	Lead (Pb)-Total (mg/L)	<0.000050	0.000070	<0.000050		
	Lithium (Li)-Total (mg/L)	<0.0050	<0.0050	<0.0050		
	Magnesium (Mg)-Total (mg/L)	0.494	0.493	0.516		
	Manganese (Mn)-Total (mg/L)	0.00279	0.00568	0.00189		
	Mercury (Hg)-Total (mg/L)	<0.000050	<0.000050	<0.000050		
	Molybdenum (Mo)-Total (mg/L)	<0.000050	<0.000050	<0.000050		
	Nickel (Ni)-Total (mg/L)	<0.00050	0.00058	0.00068		

ALS LABORATORY GROUP ANALYTICAL REPORT

		Sample ID			
		Description			
		Sampled Date			
		Sampled Time			
		Client ID			
Grouping	Analyte				
WATER					
Total Metals	Potassium (K)-Total (mg/L)	<0.50	<0.50	<0.50	
	Selenium (Se)-Total (mg/L)	<0.0010	<0.0010	<0.0010	
	Silicon (Si)-Total (mg/L)	0.261	0.263	0.420	
	Silver (Ag)-Total (mg/L)	<0.000010	0.000011	<0.000010	
	Sodium (Na)-Total (mg/L)	0.52	0.56	0.55	
	Strontium (Sr)-Total (mg/L)	0.00534	0.00923	0.00571	
	Thallium (Tl)-Total (mg/L)	<0.00010	<0.00010	<0.00010	
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00010	
	Titanium (Ti)-Total (mg/L)	<0.010	<0.010	<0.010	
	Uranium (U)-Total (mg/L)	0.000053	0.000066	0.000043	
	Vanadium (V)-Total (mg/L)	<0.0010	<0.0010	<0.0010	
	Zinc (Zn)-Total (mg/L)	0.0043	0.0129	<0.0070	
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	0.0169	0.0155	0.0189	
	Antimony (Sb)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	
	Arsenic (As)-Dissolved (mg/L)	0.00023	0.00031	0.00018	
	Barium (Ba)-Dissolved (mg/L)	0.00200	0.00204	0.00257	
	Beryllium (Be)-Dissolved (mg/L)	<0.00050	<0.00050	<0.00050	
	Bismuth (Bi)-Dissolved (mg/L)	<0.00050	<0.00050	<0.00050	
	Boron (B)-Dissolved (mg/L)	<0.010	<0.010	<0.010	
	Cadmium (Cd)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	
	Calcium (Ca)-Dissolved (mg/L)	1.13	1.22	1.23	
	Chromium (Cr)-Dissolved (mg/L)	<0.00050	<0.00050	<0.00050	
	Cobalt (Co)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	
	Copper (Cu)-Dissolved (mg/L)	<0.00040	<0.00030	<0.0011	
	Iron (Fe)-Dissolved (mg/L)	<0.030	<0.030	<0.030	
	Lead (Pb)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	
	Lithium (Li)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0050	
	Magnesium (Mg)-Dissolved (mg/L)	0.504	0.491	0.532	
	Manganese (Mn)-Dissolved (mg/L)	0.00153	0.00144	0.00173	
	Mercury (Hg)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	
	Molybdenum (Mo)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	
	Nickel (Ni)-Dissolved (mg/L)	<0.00050	<0.00050	0.00057	
	Potassium (K)-Dissolved (mg/L)	<0.50	<0.50	<0.50	
	Selenium (Se)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	
	Silicon (Si)-Dissolved (mg/L)	0.247	0.235	0.417	
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	
	Sodium (Na)-Dissolved (mg/L)	0.53	0.54	0.58	
	Strontium (Sr)-Dissolved (mg/L)	0.00642	0.00801	0.00690	
	Thallium (Tl)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample ID Description Sampled Date Sampled Time Client ID		L535986-1 WATER 29-JUL-07 08:30 MUSKOX LAKE	L535986-2 WATER 29-JUL-07 08:45 MUSKOX LAKE OUTLET	L535986-3 WATER 29-JUL-07 09:00 DOWNSTREAM MUSKOX LAKE		
Grouping	Analyte					
WATER						
Dissolved Metals	Tin (Sn)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010		
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010		
	Uranium (U)-Dissolved (mg/L)	0.000047	0.000048	0.000040		
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010		
	Zinc (Zn)-Dissolved (mg/L)	0.0042	0.0098	<0.0070		
Polycyclic Aromatic Hydrocarbons	Acenaphthene (mg/L)	<0.000050	<0.000050	<0.000050		
	Acenaphthylene (mg/L)	<0.000050	<0.000050	<0.000050		
	Acridine (mg/L)	<0.000050	<0.000050	<0.000050		
	Anthracene (mg/L)	<0.000050	<0.000050	<0.000050		
	Benz(a)anthracene (mg/L)	<0.000050	<0.000050	<0.000050		
	Benzo(a)pyrene (mg/L)	<0.000010	<0.000010	<0.000010		
	Benzo(b)fluoranthene (mg/L)	<0.000050	<0.000050	<0.000050		
	Benzo(g,h,i)perylene (mg/L)	<0.000050	<0.000050	<0.000050		
	Benzo(k)fluoranthene (mg/L)	<0.000050	<0.000050	<0.000050		
	Chrysene (mg/L)	<0.000050	<0.000050	<0.000050		
	Dibenz(a,h)anthracene (mg/L)	<0.000050	<0.000050	<0.000050		
	Fluoranthene (mg/L)	<0.000050	<0.000050	<0.000050		
	Fluorene (mg/L)	<0.000050	<0.000050	<0.000050		
	Indeno(1,2,3-c,d)pyrene (mg/L)	<0.000050	<0.000050	<0.000050		
	Naphthalene (mg/L)	<0.000050	<0.000050	<0.000050		
	Phenanthrene (mg/L)	<0.000050	<0.000050	<0.000050		
	Pyrene (mg/L)	<0.000050	<0.000050	<0.000050		
	Quinoline (mg/L)	<0.000050	<0.000050	<0.000050		
	Surrogate: d8-Naphthalene (SS) (%)	99	99	100		
	Surrogate: d9-Acridine (SS) (%)	102	103	103		
	Surrogate: d10-Acenaphthene (SS) (%)	97	97	98		
	Surrogate: d10-Phenanthrene (SS) (%)	106	107	106		
	Surrogate: d12-Chrysene (SS) (%)	79	81	81		
Organic Parameters	Total Inorganic Carbon (mg/L)	0.50	<0.50	0.62		
	Total Organic Carbon (mg/L)	2.83	2.81	2.15		

Reference Information

Qualifiers for Sample Submission Listed:

Qualifier	Description
SFPL	Sample was Filtered and Preserved at the laboratory - Samples 1-3, Dissolved Metals

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
---------------	--------	------------------	---------------------------------------

ACY-PCT-VA Water Acidity by Automated Titration APHA 2310 "Acidity"

This analysis is carried out using procedures adapted from APHA Method 2310 "Acidity". Acidity is determined by potentiometric titration to a specified endpoint.

ALK-PCT-VA Water Alkalinity (Species) by Auto. Titration APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA Water Chloride by Ion Chromatography APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-NO2-IC-VA Water Nitrite by Ion Chromatography APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-NO3-IC-VA Water Nitrate by Ion Chromatography APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA Water Sulfate by Ion Chromatography APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

CARBONS-TIC-VA Water Total inorganic carbon by CO2 purge APHA 5310 "TOTAL ORGANIC CARBON (TOC)"

This analysis is carried out using procedures adapted from APHA Method 5310 "Total Organic Carbon (TOC)".

CARBONS-TOC-VA Water Total organic carbon by combustion APHA 5310 "TOTAL ORGANIC CARBON (TOC)"

This analysis is carried out using procedures adapted from APHA Method 5310 "Total Organic Carbon (TOC)".

EC-PCT-VA Water Conductivity (Automated) APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA Water Hardness APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CVAFS-VA Water Dissolved Mercury in Water by CVAFS EPA SW-846 3005A & EPA 245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
HG-TOT-CVAFS-VA	Water	Total Mercury in Water by CVAFS	EPA 245.7
This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedure involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).			
MET-DIS-ICP-VA	Water	Dissolved Metals in Water by ICPOES	EPA SW-846 3005A/6010B
This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedure involves filtration (EPA Method 3005A) and analysis by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).			
MET-DIS-LOW-MS-VA	Water	Dissolved Metals in Water by ICPMS(Low)	EPA SW-846 3005A/6020A
This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures involves preliminary sample treatment by filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).			
MET-TOT-ICP-VA	Water	Total Metals in Water by ICPOES	EPA SW-846 3005A/6010B
This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).			
MET-TOT-LOW-MS-VA	Water	Total Metals in Water by ICPMS(Low)	EPA SW-846 3005A/6020A
This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).			
NH3-COL-VA	Water	Ammonia by Color	APHA 4500-NH3 "Nitrogen (Ammonia)"
This analysis is carried out, on unpreserved samples, using procedures adapted from APHA Method 4500-NH3 "Nitrogen (Ammonia)". Ammonia is determined using the phenate colourimetric method.			
PAH-SF-MS-VA	Water	PAH in Water by GCMS	EPA Methods 3510, 3630 & 8270
This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 3630 & 8270, published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to toluene prior to analysis by capillary column gas chromatography with mass spectrometric detection (GC/MS). Surrogate recoveries may not be reported in cases where interferences from the sample matrix prevent accurate quantitation.			
PH-MAN-VA	Water	pH by Manual Meter	APHA 4500-H "pH Value"
This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode.			
PO4-DO-COL-VA	Water	Dissolved ortho Phosphate by Color	APHA 4500-P "Phosphorous"
This analysis is carried out using procedures adapted from APHA Method 4500-P "Phosphorus". All forms of phosphate are determined by the ascorbic acid colourimetric method. Dissolved ortho-phosphate (dissolved reactive phosphorous) is determined by direct measurement. Total phosphate (total phosphorous) is determined after persulphate digestion of a sample. Total dissolved phosphate (total dissolved phosphorous) is determined by filtering a sample through a 0.45 micron membrane filter followed by persulfate digestion of the filtrate.			
PO4-T-COL-VA	Water	Total Phosphate P by Color	APHA 4500-P "Phosphorous"
This analysis is carried out using procedures adapted from APHA Method 4500-P "Phosphorus". All forms of phosphate are determined by the ascorbic acid colourimetric method. Dissolved ortho-phosphate (dissolved reactive phosphorous) is determined by direct measurement. Total phosphate (total phosphorous) is determined after persulphate digestion of a sample. Total dissolved phosphate (total dissolved phosphorous) is determined by filtering a sample through a 0.45 micron membrane filter followed by persulfate digestion of the filtrate.			

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
---------------	--------	------------------	---------------------------------------

PO4-TD-COL-VA Water Total Dissolved Phosphate by Color APHA 4500-P " Phosphorous"

This analysis is carried out using procedures adapted from APHA Method 4500-P "Phosphorus". All forms of phosphate are determined by the ascorbic acid colourimetric method. Dissolved ortho-phosphate (dissolved reactive phosphorous) is determined by direct measurement. Total phosphate (total phosphorous) is determined after persulphate digestion of a sample. Total dissolved phosphate (total dissolved phosphorous) is determined by filtering a sample through a 0.45 micron membrane filter followed by persulfate digestion of the filtrate.

TDS-VA Water Total Dissolved Solids by Gravimetric APHA 2540 Gravimetric

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total dissolved solids (TDS) are determined by filtering a sample through a glass fibre filter, TDS is determined by evaporating the filtrate to dryness at 180 degrees celsius.

TSS-VA Water Solids by Gravimetric APHA 2540 Gravimetric

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total suspended solids (TSS) are determined by filtering a sample through a glass fibre filter, TSS is determined by drying the filter at 104 degrees celsius.

TURBIDITY-VA Water Turbidity by Meter APHA 2130 "Turbidity"

This analysis is carried out using procedures adapted from APHA Method 2130 "Turbidity". Turbidity is determined by the nephelometric method.

**** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies. The last two letters of the above ALS Test Code column 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
----------------------------	---------------------	----------------------------	---------------------

VA	ALS LABORATORY GROUP - VANCOUVER, BC, 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 enviromental 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.

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

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

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.

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.

2535986

CHAIN OF CUSTODY FORM

PAGE 1 OF 2

FORM CC-0A - Revision 1