

Your Project #: MARCH 19, 2012
 Site Location: FARO MINE COMPLEX
 Your C.O.C. #: 08346213

Attention: Kevin Ramsay
 DENISON ENVIRONMENTAL SERVICES
 FARO CARE AND MAINTENANCE PROJ
 BOX 280
 FARO, YT
 CANADA Y0B 1K0

Report Date: 2012/03/27

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B223677
Received: 2012/03/21, 13:40

Sample Matrix: Ground
 # Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Acidity pH 4.5 & pH 8.3	1	N/A	2012/03/22	BBY6SOP-00037	SM-2310
Alkalinity - Water	1	2012/03/22	2012/03/22	BBY6SOP-00026, BBY0SOP-00002	SM2320B
Chloride by Automated Colourimetry	1	N/A	2012/03/22	BBY6SOP-00011	SM-4500-Cl-
Conductance - water	1	N/A	2012/03/22	BBY6SOP-00026	SM-2510B
Hardness (calculated as CaCO ₃)	1	N/A	2012/03/26	BBY7SOP-00002	Calculated Parameter
Ion Balance	1	N/A	2012/03/26	Calc	
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	1	N/A	2012/03/26	BBY7SOP-00002	EPA 6020A
Elements by ICPMS Low Level (dissolved)	1	N/A	2012/03/25	BBY7SOP-00002	EPA 6020A
Filter and HNO ₃ Preserve for Metals	1	N/A	2012/03/21	BBY6WI-00001	EPA 200.2
pH Water	1	N/A	2012/03/22	BBY6SOP-00026	SM-4500H+B
Sulphate by Automated Colourimetry	1	N/A	2012/03/22	BBY6SOP-00017	SM4500-SO42
Total Suspended Solids-LowLevel	1	2012/03/23	2012/03/23	BBY6SOP-00034	SM-2540 D

Sample Matrix: Seepage
 # Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Acidity pH 4.5 & pH 8.3	1	N/A	2012/03/22	BBY6SOP-00037	SM-2310
Alkalinity - Water	1	2012/03/22	2012/03/22	BBY6SOP-00026, BBY0SOP-00002	SM2320B
Chloride by Automated Colourimetry	1	N/A	2012/03/22	BBY6SOP-00011	SM-4500-Cl-
Conductance - water	1	N/A	2012/03/22	BBY6SOP-00026	SM-2510B
Hardness (calculated as CaCO ₃)	1	N/A	2012/03/26	BBY7SOP-00002	Calculated Parameter
Ion Balance	1	N/A	2012/03/26	Calc	
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	1	N/A	2012/03/26	BBY7SOP-00002	EPA 6020A
Elements by ICPMS Low Level (dissolved)	1	N/A	2012/03/25	BBY7SOP-00002	EPA 6020A
Filter and HNO ₃ Preserve for Metals	1	N/A	2012/03/21	BBY6WI-00001	EPA 200.2
pH Water	1	N/A	2012/03/22	BBY6SOP-00026	SM-4500H+B
Sulphate by Automated Colourimetry	1	N/A	2012/03/22	BBY6SOP-00017	SM4500-SO42
Total Suspended Solids-LowLevel	1	2012/03/23	2012/03/23	BBY6SOP-00034	SM-2540 D

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

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CERTIFICATE OF ANALYSIS

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Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TABITHA RUDKIN, Burnaby Project Manager
Email: TRudkin@maxxam.ca
Phone# (604) 638-2639

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 2

Maxxam Job #: B223677
 Report Date: 2012/03/27

DENISON ENVIRONMENTAL SERVICES
 Client Project #: MARCH 19, 2012
 Site Location: FARO MINE COMPLEX

RESULTS OF CHEMICAL ANALYSES OF GROUND

Maxxam ID		CZ6309		
Sampling Date		2012/03/19 14:00		
COC Number		08346213		
	Units	SRK05-9	RDL	QC Batch

Misc. Inorganics				
Acidity (pH 4.5)	mg/L	<0.5	0.5	5702284
Acidity (pH 8.3)	mg/L	9.1	0.5	5702284
Calculated Parameters				
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE
Ion Balance	N/A	0.97	0.010	5700998
Misc. Inorganics				
Alkalinity (Total as CaCO3)	mg/L	323	0.50	5703843
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5703843
Bicarbonate (HCO3)	mg/L	394	0.50	5703843
Carbonate (CO3)	mg/L	<0.50	0.50	5703843
Hydroxide (OH)	mg/L	<0.50	0.50	5703843
Anions				
Dissolved Sulphate (SO4)	mg/L	1010	5.0	5702824
Dissolved Chloride (Cl)	mg/L	1.1	0.5	5702815
Physical Properties				
Conductivity	uS/cm	2010	1.0	5703849
pH	pH Units	7.81		5703851
Physical Properties				
Total Suspended Solids	mg/L	24.7	1.0	5702564
RDL = Reportable Detection Limit				

Maxxam Job #: B223677
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DENISON ENVIRONMENTAL SERVICES
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RESULTS OF CHEMICAL ANALYSES OF SEEPAGE

Maxxam ID		CZ6308		
Sampling Date		2012/03/19 14:35		
COC Number		08346213		
	Units	V15	RDL	QC Batch

Misc. Inorganics				
Acidity (pH 4.5)	mg/L	<0.5	0.5	5702284
Acidity (pH 8.3)	mg/L	30.4	0.5	5702284
Calculated Parameters				
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE
Ion Balance	N/A	1.1	0.010	5700998
Misc. Inorganics				
Alkalinity (Total as CaCO3)	mg/L	510	0.50	5703843
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5703843
Bicarbonate (HCO3)	mg/L	622	0.50	5703843
Carbonate (CO3)	mg/L	<0.50	0.50	5703843
Hydroxide (OH)	mg/L	<0.50	0.50	5703843
Anions				
Dissolved Sulphate (SO4)	mg/L	1840	5.0	5702824
Dissolved Chloride (Cl)	mg/L	1.7	0.5	5702815
Physical Properties				
Conductivity	uS/cm	3510	1.0	5703849
pH	pH Units	7.45		5703851
Physical Properties				
Total Suspended Solids	mg/L	<1.0	1.0	5702564
RDL = Reportable Detection Limit				

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DENISON ENVIRONMENTAL SERVICES
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LOW LEVEL DISSOLVED METALS IN WATER (GROUND)

Maxxam ID		CZ6309		
Sampling Date		2012/03/19 14:00		
COC Number		08346213		
	Units	SRK05-9	RDL	QC Batch

Misc. Inorganics				
Dissolved Hardness (CaCO ₃)	mg/L	1310	0.5	5697537
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	3.1	0.2	5705025
Dissolved Antimony (Sb)	ug/L	0.19	0.02	5705025
Dissolved Arsenic (As)	ug/L	0.70	0.02	5705025
Dissolved Barium (Ba)	ug/L	33.2	0.02	5705025
Dissolved Beryllium (Be)	ug/L	<0.01	0.01	5705025
Dissolved Bismuth (Bi)	ug/L	<0.005	0.005	5705025
Dissolved Boron (B)	ug/L	<50	50	5705025
Dissolved Cadmium (Cd)	ug/L	0.201	0.005	5705025
Dissolved Chromium (Cr)	ug/L	0.3	0.1	5705025
Dissolved Cobalt (Co)	ug/L	0.065	0.005	5705025
Dissolved Copper (Cu)	ug/L	1.45	0.05	5705025
Dissolved Iron (Fe)	ug/L	4	1	5705025
Dissolved Lead (Pb)	ug/L	0.321	0.005	5705025
Dissolved Lithium (Li)	ug/L	8.3	0.5	5705025
Dissolved Manganese (Mn)	ug/L	16.9	0.05	5705025
Dissolved Molybdenum (Mo)	ug/L	1.22	0.05	5705025
Dissolved Nickel (Ni)	ug/L	1.24	0.02	5705025
Dissolved Selenium (Se)	ug/L	0.86	0.04	5705025
Dissolved Silicon (Si)	ug/L	4820	100	5705025
Dissolved Silver (Ag)	ug/L	<0.005	0.005	5705025
Dissolved Strontium (Sr)	ug/L	788	0.05	5705025
Dissolved Thallium (Tl)	ug/L	0.005	0.002	5705025
Dissolved Tin (Sn)	ug/L	0.3	0.2	5705025
Dissolved Titanium (Ti)	ug/L	<0.5	0.5	5705025
Dissolved Uranium (U)	ug/L	28.7	0.002	5705025
Dissolved Vanadium (V)	ug/L	<0.2	0.2	5705025
Dissolved Zinc (Zn)	ug/L	5.6	0.1	5705025
Dissolved Zirconium (Zr)	ug/L	<0.1	0.1	5705025
Dissolved Calcium (Ca)	mg/L	249	0.05	5697539
Dissolved Magnesium (Mg)	mg/L	168	0.05	5697539

RDL = Reportable Detection Limit

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LOW LEVEL DISSOLVED METALS IN WATER (GROUND)

Maxxam ID		CZ6309		
Sampling Date		2012/03/19 14:00		
COC Number		08346213		
	Units	SRK05-9	RDL	QC Batch

Dissolved Potassium (K)	mg/L	3.41	0.05	5697539
Dissolved Sodium (Na)	mg/L	9.18	0.05	5697539
Dissolved Sulphur (S)	mg/L	354	10	5697539

RDL = Reportable Detection Limit

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LOW LEVEL DISSOLVED METALS IN WATER (SEEPAGE)

Maxxam ID		CZ6308		
Sampling Date		2012/03/19 14:35		
COC Number		08346213		
	Units	V15	RDL	QC Batch

Misc. Inorganics				
Dissolved Hardness (CaCO3)	mg/L	2620	0.5	5697537
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	5	1	5705025
Dissolved Antimony (Sb)	ug/L	0.1	0.1	5705025
Dissolved Arsenic (As)	ug/L	0.5	0.1	5705025
Dissolved Barium (Ba)	ug/L	39.8	0.1	5705025
Dissolved Beryllium (Be)	ug/L	<0.05	0.05	5705025
Dissolved Bismuth (Bi)	ug/L	<0.03	0.03	5705025
Dissolved Boron (B)	ug/L	<300	300	5705025
Dissolved Cadmium (Cd)	ug/L	1.48	0.03	5705025
Dissolved Chromium (Cr)	ug/L	<0.5	0.5	5705025
Dissolved Cobalt (Co)	ug/L	0.07	0.03	5705025
Dissolved Copper (Cu)	ug/L	4.3	0.3	5705025
Dissolved Iron (Fe)	ug/L	13	5	5705025
Dissolved Lead (Pb)	ug/L	0.43	0.03	5705025
Dissolved Lithium (Li)	ug/L	22	3	5705025
Dissolved Manganese (Mn)	ug/L	1.9	0.3	5705025
Dissolved Molybdenum (Mo)	ug/L	1.0	0.3	5705025
Dissolved Nickel (Ni)	ug/L	111	0.1	5705025
Dissolved Selenium (Se)	ug/L	1.2	0.2	5705025
Dissolved Silicon (Si)	ug/L	5830	500	5705025
Dissolved Silver (Ag)	ug/L	<0.03	0.03	5705025
Dissolved Strontium (Sr)	ug/L	1350	0.3	5705025
Dissolved Thallium (Tl)	ug/L	<0.01	0.01	5705025
Dissolved Tin (Sn)	ug/L	<1	1	5705025
Dissolved Titanium (Ti)	ug/L	<3	3	5705025
Dissolved Uranium (U)	ug/L	59.5	0.01	5705025
Dissolved Vanadium (V)	ug/L	<1	1	5705025
Dissolved Zinc (Zn)	ug/L	2720	0.5	5705025
Dissolved Zirconium (Zr)	ug/L	<0.5	0.5	5705025
Dissolved Calcium (Ca)	mg/L	417	0.3	5697539
Dissolved Magnesium (Mg)	mg/L	384	0.3	5697539

RDL = Reportable Detection Limit

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LOW LEVEL DISSOLVED METALS IN WATER (SEEPAGE)

Maxxam ID		CZ6308		
Sampling Date		2012/03/19 14:35		
COC Number		08346213		
	Units	V15	RDL	QC Batch

Dissolved Potassium (K)	mg/L	6.7	0.3	5697539
Dissolved Sodium (Na)	mg/L	14.4	0.3	5697539
Dissolved Sulphur (S)	mg/L	715	50	5697539

RDL = Reportable Detection Limit

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LOW LEVEL DISSOLVED METALS IN WATER (SEEPAGE) Comments

Sample CZ6308-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Results relate only to the items tested.

DENISON ENVIRONMENTAL SERVICES
 Attention: Kevin Ramsay
 Client Project #: MARCH 19, 2012
 P.O. #:
 Site Location: FARO MINE COMPLEX

Quality Assurance Report

Maxxam Job Number: VB223677

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5702284 WAY	Spiked Blank	Acidity (pH 8.3)	2012/03/22		97	%	80 - 120
	Method Blank	Acidity (pH 4.5)	2012/03/22	<0.5		mg/L	
		Acidity (pH 8.3)	2012/03/22	<0.5		mg/L	
	RPD [CZ6309-01]	Acidity (pH 4.5)	2012/03/22	NC		%	20
		Acidity (pH 8.3)	2012/03/22	13.8		%	20
5702564 ZY1	Spiked Blank	Total Suspended Solids	2012/03/23		102	%	80 - 120
	Method Blank	Total Suspended Solids	2012/03/23	<1.0		mg/L	
5702815 BB3	Matrix Spike	Dissolved Chloride (Cl)	2012/03/22		104	%	80 - 120
	Spiked Blank	Dissolved Chloride (Cl)	2012/03/22		103	%	80 - 120
	Method Blank	Dissolved Chloride (Cl)	2012/03/22	<0.5		mg/L	
	RPD	Dissolved Chloride (Cl)	2012/03/22	0.5		%	20
5702824 BB3	Matrix Spike	Dissolved Sulphate (SO4)	2012/03/22		111	%	80 - 120
	Spiked Blank	Dissolved Sulphate (SO4)	2012/03/22		103	%	80 - 120
	Method Blank	Dissolved Sulphate (SO4)	2012/03/22	<0.50		mg/L	
	RPD	Dissolved Sulphate (SO4)	2012/03/22	0.7		%	20
5703843 WAY	Matrix Spike	Alkalinity (Total as CaCO3)	2012/03/22		NC	%	80 - 120
	Spiked Blank	Alkalinity (Total as CaCO3)	2012/03/22		103	%	80 - 120
	Method Blank	Alkalinity (Total as CaCO3)	2012/03/22	<0.50		mg/L	
		Alkalinity (PP as CaCO3)	2012/03/22	<0.50		mg/L	
		Bicarbonate (HCO3)	2012/03/22	<0.50		mg/L	
		Carbonate (CO3)	2012/03/22	<0.50		mg/L	
		Hydroxide (OH)	2012/03/22	<0.50		mg/L	
	RPD	Alkalinity (Total as CaCO3)	2012/03/22	3.2		%	20
		Alkalinity (PP as CaCO3)	2012/03/22	NC		%	20
		Bicarbonate (HCO3)	2012/03/22	6.7		%	20
		Carbonate (CO3)	2012/03/22	NC		%	20
		Hydroxide (OH)	2012/03/22	NC		%	20
		Conductivity	2012/03/22	NC		%	20
5703849 WAY	Spiked Blank	Conductivity	2012/03/22		101	%	80 - 120
	Method Blank	Conductivity	2012/03/22	<1.0		uS/cm	
	RPD	Conductivity	2012/03/22	0		%	20
5705025 AA1	Matrix Spike	Dissolved Aluminum (Al)	2012/03/25		101	%	80 - 120
		Dissolved Antimony (Sb)	2012/03/25		101	%	80 - 120
		Dissolved Arsenic (As)	2012/03/25		101	%	80 - 120
		Dissolved Barium (Ba)	2012/03/25		NC	%	80 - 120
		Dissolved Beryllium (Be)	2012/03/25		110	%	80 - 120
		Dissolved Bismuth (Bi)	2012/03/25		102	%	80 - 120
		Dissolved Cadmium (Cd)	2012/03/25		104	%	80 - 120
		Dissolved Chromium (Cr)	2012/03/25		97	%	80 - 120
		Dissolved Cobalt (Co)	2012/03/25		96	%	80 - 120
		Dissolved Copper (Cu)	2012/03/25		NC	%	80 - 120
		Dissolved Iron (Fe)	2012/03/25		108	%	80 - 120
		Dissolved Lead (Pb)	2012/03/25		NC	%	80 - 120
		Dissolved Lithium (Li)	2012/03/25		100	%	80 - 120
		Dissolved Manganese (Mn)	2012/03/25		97	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/03/25		98	%	80 - 120
		Dissolved Nickel (Ni)	2012/03/25		98	%	80 - 120
		Dissolved Selenium (Se)	2012/03/25		119	%	80 - 120
		Dissolved Silver (Ag)	2012/03/25		103	%	80 - 120
		Dissolved Strontium (Sr)	2012/03/25		100	%	80 - 120
		Dissolved Thallium (Tl)	2012/03/25		101	%	80 - 120
		Dissolved Tin (Sn)	2012/03/25		98	%	80 - 120
		Dissolved Titanium (Ti)	2012/03/25		98	%	80 - 120
		Dissolved Uranium (U)	2012/03/25		102	%	80 - 120
		Dissolved Vanadium (V)	2012/03/25		96	%	80 - 120
		Dissolved Zinc (Zn)	2012/03/25		105	%	80 - 120

DENISON ENVIRONMENTAL SERVICES
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 Site Location: FARO MINE COMPLEX

Quality Assurance Report (Continued)

Maxxam Job Number: VB223677

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5705025 AA1	Spiked Blank	Dissolved Aluminum (Al)	2012/03/25		106	%	80 - 120
		Dissolved Antimony (Sb)	2012/03/25		101	%	80 - 120
		Dissolved Arsenic (As)	2012/03/25		99	%	80 - 120
		Dissolved Barium (Ba)	2012/03/25		102	%	80 - 120
		Dissolved Beryllium (Be)	2012/03/25		103	%	80 - 120
		Dissolved Bismuth (Bi)	2012/03/25		102	%	80 - 120
		Dissolved Cadmium (Cd)	2012/03/25		100	%	80 - 120
		Dissolved Chromium (Cr)	2012/03/25		99	%	80 - 120
		Dissolved Cobalt (Co)	2012/03/25		99	%	80 - 120
		Dissolved Copper (Cu)	2012/03/25		99	%	80 - 120
		Dissolved Iron (Fe)	2012/03/25		107	%	80 - 120
		Dissolved Lead (Pb)	2012/03/25		102	%	80 - 120
		Dissolved Lithium (Li)	2012/03/25		102	%	80 - 120
		Dissolved Manganese (Mn)	2012/03/25		105	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/03/25		101	%	80 - 120
		Dissolved Nickel (Ni)	2012/03/25		103	%	80 - 120
		Dissolved Selenium (Se)	2012/03/25		104	%	80 - 120
		Dissolved Silver (Ag)	2012/03/25		105	%	80 - 120
		Dissolved Strontium (Sr)	2012/03/25		102	%	80 - 120
		Dissolved Thallium (Tl)	2012/03/25		105	%	80 - 120
		Dissolved Tin (Sn)	2012/03/25		113	%	80 - 120
		Dissolved Titanium (Ti)	2012/03/25		103	%	80 - 120
		Dissolved Uranium (U)	2012/03/25		105	%	80 - 120
		Dissolved Vanadium (V)	2012/03/25		96	%	80 - 120
		Dissolved Zinc (Zn)	2012/03/25		99	%	80 - 120
Method Blank		Dissolved Aluminum (Al)	2012/03/25	<0.2		ug/L	
		Dissolved Antimony (Sb)	2012/03/25	<0.02		ug/L	
		Dissolved Arsenic (As)	2012/03/25	<0.02		ug/L	
		Dissolved Barium (Ba)	2012/03/25	<0.02		ug/L	
		Dissolved Beryllium (Be)	2012/03/25	<0.01		ug/L	
		Dissolved Bismuth (Bi)	2012/03/25	<0.005		ug/L	
		Dissolved Boron (B)	2012/03/25	<50		ug/L	
		Dissolved Cadmium (Cd)	2012/03/25	<0.005		ug/L	
		Dissolved Chromium (Cr)	2012/03/25	<0.1		ug/L	
		Dissolved Cobalt (Co)	2012/03/25	<0.005		ug/L	
		Dissolved Copper (Cu)	2012/03/25	<0.05		ug/L	
		Dissolved Iron (Fe)	2012/03/25	<1		ug/L	
		Dissolved Lead (Pb)	2012/03/25	<0.005		ug/L	
		Dissolved Lithium (Li)	2012/03/25	<0.5		ug/L	
		Dissolved Manganese (Mn)	2012/03/25	<0.05		ug/L	
		Dissolved Molybdenum (Mo)	2012/03/25	<0.05		ug/L	
		Dissolved Nickel (Ni)	2012/03/25	<0.02		ug/L	
		Dissolved Selenium (Se)	2012/03/25	<0.04		ug/L	
		Dissolved Silicon (Si)	2012/03/25	<100		ug/L	
		Dissolved Silver (Ag)	2012/03/25	<0.005		ug/L	
		Dissolved Strontium (Sr)	2012/03/25	<0.05		ug/L	
		Dissolved Thallium (Tl)	2012/03/25	<0.002		ug/L	
		Dissolved Tin (Sn)	2012/03/25	<0.2		ug/L	
		Dissolved Titanium (Ti)	2012/03/25	<0.5		ug/L	
		Dissolved Uranium (U)	2012/03/25	<0.002		ug/L	
Dissolved Vanadium (V)	2012/03/25	<0.2		ug/L			
Dissolved Zinc (Zn)	2012/03/25	<0.1		ug/L			
RPD		Dissolved Zirconium (Zr)	2012/03/25	<0.1		ug/L	
		Dissolved Aluminum (Al)	2012/03/25	1.7		%	20
		Dissolved Antimony (Sb)	2012/03/25	NC		%	20

DENISON ENVIRONMENTAL SERVICES
 Attention: Kevin Ramsay
 Client Project #: MARCH 19, 2012
 P.O. #:
 Site Location: FARO MINE COMPLEX

Quality Assurance Report (Continued)

Maxxam Job Number: VB223677

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5705025 AA1	RPD	Dissolved Arsenic (As)	2012/03/25	5.0		%	20
		Dissolved Barium (Ba)	2012/03/25	2.4		%	20
		Dissolved Beryllium (Be)	2012/03/25	NC		%	20
		Dissolved Bismuth (Bi)	2012/03/25	NC		%	20
		Dissolved Boron (B)	2012/03/25	NC		%	20
		Dissolved Cadmium (Cd)	2012/03/25	NC		%	20
		Dissolved Chromium (Cr)	2012/03/25	NC		%	20
		Dissolved Cobalt (Co)	2012/03/25	1.7		%	20
		Dissolved Copper (Cu)	2012/03/25	0.07		%	20
		Dissolved Iron (Fe)	2012/03/25	4.5		%	20
		Dissolved Lead (Pb)	2012/03/25	1.8		%	20
		Dissolved Lithium (Li)	2012/03/25	NC		%	20
		Dissolved Manganese (Mn)	2012/03/25	11.0		%	20
		Dissolved Molybdenum (Mo)	2012/03/25	NC		%	20
		Dissolved Nickel (Ni)	2012/03/25	14.2		%	20
		Dissolved Selenium (Se)	2012/03/25	6.6		%	20
		Dissolved Silicon (Si)	2012/03/25	NC		%	20
		Dissolved Silver (Ag)	2012/03/25	NC		%	20
		Dissolved Strontium (Sr)	2012/03/25	1.1		%	20
		Dissolved Thallium (Tl)	2012/03/25	1.5		%	20
		Dissolved Tin (Sn)	2012/03/25	NC		%	20
		Dissolved Titanium (Ti)	2012/03/25	NC		%	20
		Dissolved Uranium (U)	2012/03/25	4.1		%	20
		Dissolved Vanadium (V)	2012/03/25	NC		%	20
		Dissolved Zinc (Zn)	2012/03/25	7.1		%	20
		Dissolved Zirconium (Zr)	2012/03/25	NC		%	20

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was not sufficiently significant to permit a reliable recovery calculation.

NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.

Validation Signature Page

Maxxam Job #: B223677

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



ROB REINERT, Data Validation Coordinator

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: **B223677**

COC #: _____



Page: 1 of 1

Invoice To: Require Report? Yes No

Report To:

Company Name: #4337 Denison Environmental Services
 Contact Name: Kevin Ramsay
 Address: Box 280
 Faro, Yukon PC: Y0B 1K0
 Phone / Fax#: Ph: 867-994-2600 Fax: _____
 E-mail: kramsay@denisonenvironmental.com

Company Name: #4337 Denison Environmental Services
 Contact Name: Kevin Ramsay
 Address: Box 280
 Faro, Yukon PC: Y0B 1K0
 Phone / Fax#: Ph: 867-994-2600 Fax: _____
 E-mail: kramsay@denisonenvironmental.com

PO #:
Quotation #:
Project #:
Proj. Name: March 19, 2012
Location: Faro Mine Complex
Sampled by: T. Parkin and N. Gardiner

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

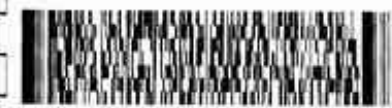
- CSR Regular Turn Around Time (TAT)
 CCME (5 days for most tests)
 BC Water Quality **RUSH** (Please contact the lab)
 Other 1 Day 2 Day 3 Day
 DRINKING WATER Date Required: _____

SPECIAL INSTRUCTIONS:

Return Cooler Ship Sample Bottles (please specify)

ANALYSIS REQUESTED

Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Field Filtered?	Field Acidified?	Acidity	Alkalinity	Chloride	pH	Conductance (EC)	Sulphate	Total Dissolved Solids (TDS)	Total Suspended Solids (TSS)	Ammonia	Nitrate	Hardness	LDL - Total Phosphorus	Colour	Total Organic Carbon (TOC)	Total Mercury	Cyanide	96 Hour LC-50	Number of Containers	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	X	X	X	X	X	X										3	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	X	X	X	X	X	X										3	



B223677

Print name and sign			Print name and sign			Laboratory Use Only							
*Relinquished By:	Date (yy/mm/dd):	Time (24hr):	Received by:	Date (yy/mm/dd):	Time (24hr):	Time Sensitive	Temperature of Receipt (°C)			Custody Seal	Yes	No	
K. Ramsay	12/03/20	18:00	<i>[Signature]</i>	20/12/03/21	13:40	<input checked="" type="checkbox"/>	A) 4	B) 3	C) 2	Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
							Just sampled & res. on ice:	<input type="checkbox"/>			Intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORDS. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.