METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Service Request: K2306730

Project No.: KGCM2003B
Date Collected:

Project Name: Kennicott Greens Creek Mine
Date Received:

Matrix: SEDIMENT
Units: MG/KG

Basis: Dry

Sample Name: Method Blank
Lab Code: K2306730-MB

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.05	5	9/22/03	9/24/03	0.05	U	
Copper	200.8	0.1	5	9/22/03	9/24/03	0.1	U	
Lead	200.8	0.05	5	9/22/03	9/24/03	0.05	U	
Mercury	7471A	0.02	1	9/18/03	9/22/03	0.02	U	
Zinc	200.8	0.5	5	9/22/03	9/24/03	0.7		

% Solids: 100.0

000040

Comments:

METALS
- 5a -
SPIKE SAMPLE RECOVERY

Client: Marine Taxonomic Sevices, Ltd.
Service Request: K2306730
Project No.: KGCM2003B
Units: mg/kg
Project Name: Kennicott Greens Creek Mine
Basis: Dry
Matrix: SEDIMENT
% Solids: 89.9

Sample Name: S-1 Sediments IS
Lab Code: K2306730-001S

Analyte	Control Limit %R	Spike Result	C	Sample Result	C	Spike Added	%R	Q	Method
Cadmium	70 - 130	11.0		0.11		11.1	98		200.8
Copper	70 - 130	66.2		12.3		55.6	97		200.8
Lead	70 - 130	114		7.02		111	96		200.8
Mercury	71 - 124	0.52		0.02		0.48	105		7471A
Zinc	70 - 130	211		80.6		111	117		200.8

000041

An empty field in the Control Limit column indicates the control limit is not applicable.

METALS
- 6 -
DUPLICATES

Client: Marine Taxonomic Sevices, Ltd.
Service Request: K2306730
Project No.: KGCM2003B
Units: mg/kg
Project Name: Kennicott Greens Creek Mine
Basis: Dry
Matrix: SEDIMENT
% Solids: 89.9

Sample Name: S-1 Sediments ID
Lab Code: K2306730-001D

Analyte	Control Limit(%)	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium		0.11		0.14		23		200.8
Copper	30	12.3		14.2		14		200.8
Lead	30	7.02		6.16		13		200.8
Mercury		0.02	U	0.02	U			7471A
Zinc	30	80.6		80.6		0		200.8

000342

An empty field in the Control Limit column indicates the control limit is not applicable.

Tissue Samples

METALS

- Cover Page -
INORGANIC ANALYSIS DATA PACKAGE

Client: Marine Taxonomic Sevices, Ltd. Service Request: K2306730

Project No.: KGCM2003B

Project Name: Kennicott Greens Creek Mine

Sample No.	Lab Sample ID.
S-1 Nephtys	K2306730-002
S-1 NephtysD	K2306730-002D
S-1 NephtysS	K2306730-002S
S-1 Cockles	K2306730-003
S-2 Nephtys	K2306730-006
S-2 Cockles	K2306730-007
S-2 Littleneck	K2306730-008
S-3 Nephtys	K2306730-011
S-3 Cockles	K2306730-012
S-3 Littleneck	K2306730-013
S-3 Softshell	K2306730-014
S-3 Nereis	K2306730-015
S-3 Aberinicola	K2306730-016
S-4 Nephtys	K2306730-021
S-4 Cockles	K2306730-022
STN-1 Mussels	K2306730-025
STN-2 Mussels	K2306730-026
STN-2 MusselsD	K2306730-026D
STN-2 MusselsS	K2306730-026S
STN-3 Mussels	K2306730-027

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Date: 10/17/03

000044

METALS

- Cover Page -
INORGANIC ANALYSIS DATA PACKAGE

Client: Marine Taxonomic Sevices, Ltd. Service Request: K2306730

Project No.: KGCM2003B

Project Name: Kennicott Greens Creek Mine

Sample No.	Lab Sample ID.
ESL Mussels	K2306730-028
Method Blank	K2306730-MB

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Date: _____

000045

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Project No.: KGCM2003B
Project Name: Kennicott Greens Creek Mine
Matrix: TISSUE

Service Request: K2306730
Date Collected: 08/27/03
Date Received: 09/03/03
Units: MG/KG
Basis: Dry

Sample Name: S-1 Nephtys
Lab Code: K2306730-002

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	3.22		
Copper	200.8	0.1	5	10/13/03	10/16/03	7.0		
Lead	200.8	0.02	5	10/13/03	10/16/03	0.66		
Mercury	7471A	0.02	1	9/24/03	9/24/03	0.03		
Zinc	200.8	0.5	5	10/13/03	10/16/03	220		

% Solids: 18.2

Comments:

000048

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client:	Marine Taxonomic Sevices, Ltd.	Service Request:	K2306730
Project No.:	KGCM2003B	Date Collected:	08/27/03
Project Name:	Kennicott Greens Creek Mine	Date Received:	09/03/03
Matrix:	TISSUE	Units:	MG/KG
		Basis:	Dry

Sample Name: S-1 Cockles Lab Code: K2306730-003

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	0.71		
Copper	200.8	0.1	5	10/13/03	10/16/03	2.7		
Lead	200.8	0.02	5	10/13/03	10/16/03	1.34		
Mercury	7471A	0.02	1	9/24/03	9/24/03	0.03		
Zinc	200.8	0.5	5	10/13/03	10/16/03	66.6		

% Solids: 19.9

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Project No.: KGCM2003B
Project Name: Kennicott Greens Creek Mine
Matrix: TISSUE

Service Request: K2306730
Date Collected: 08/28/03
Date Received: 09/03/03
Units: MG/KG
Basis: Dry

Sample Name: S-2 Nephtys
Lab Code: K2306730-006

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	1.00		
Copper	200.8	0.1	5	10/13/03	10/16/03	6.5		
Lead	200.8	0.02	5	10/13/03	10/16/03	0.52		
Mercury	7471A	0.02	1	9/24/03	9/24/03	0.02	U	
Zinc	200.8	0.5	5	10/13/03	10/16/03	201		

% Solids: 16.7

Comments:

000049

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Project No.: KGCM2003B
Project Name: Kennicott Greens Creek Mine
Matrix: TISSUE

Service Request: K2306730
Date Collected: 08/28/03
Date Received: 09/03/03
Units: MG/KG
Basis: Dry

Sample Name: S-2 Cockles
Lab Code: K2306730-007

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	0.73		
Copper	200.8	0.1	5	10/13/03	10/16/03	2.1		
Lead	200.8	0.02	5	10/13/03	10/16/03	0.54		
Mercury	7471A	0.03	1	9/24/03	9/24/03	0.03		
Zinc	200.8	0.5	5	10/13/03	10/16/03	64.8		

% Solids: 14.4

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Project No.: KGCM2003B
Project Name: Kennicott Greens Creek Mine
Matrix: TISSUE

Service Request: K2306730
Date Collected: 08/28/03
Date Received: 09/03/03
Units: MG/KG
Basis: Dry

Sample Name: S-2 Littleneck
Lab Code: K2306730-008

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	3.68		
Copper	200.8	0.1	5	10/13/03	10/16/03	6.7		
Lead	200.8	0.02	5	10/13/03	10/16/03	0.88		
Mercury	7471A	0.02	1	9/24/03	9/24/03	0.03		
Zinc	200.8	0.5	5	10/13/03	10/16/03	84.5		

% Solids: 17.8

Comments:

000059

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Project No.: KGCM2003B
Project Name: Kennicott Greens Creek Mine
Matrix: TISSUE

Service Request: K2306730
Date Collected: 08/27/03
Date Received: 09/03/03
Units: MG/KG
Basis: Dry

Sample Name: S-3 Nephtys
Lab Code: K2306730-011

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	1.73		
Copper	200.8	0.1	5	10/13/03	10/16/03	8.9		
Lead	200.8	0.02	5	10/13/03	10/16/03	0.46		
Mercury	7471A	0.02	1	9/24/03	9/24/03	0.04		
Zinc	200.8	0.5	5	10/13/03	10/16/03	194		

% Solids: 20.0

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Marine Taxonomic Sevices, Ltd.
Project No.: KGCM2003B
Project Name: Kennicott Greens Creek Mine
Matrix: TISSUE

Service Request: K2306730
Date Collected: 08/27/03
Date Received: 09/03/03
Units: MG/KG
Basis: Dry

Sample Name: S-3 Cockles
Lab Code: K2306730-012

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Cadmium	200.8	0.02	5	10/13/03	10/16/03	0.33		
Copper	200.8	0.1	5	10/13/03	10/16/03	3.1		
Lead	200.8	0.02	5	10/13/03	10/16/03	0.66		
Mercury	7471A	0.02	1	9/24/03	9/24/03	0.03		
Zinc	200.8	0.5	5	10/13/03	10/16/03	75.9		

% Solids: 17.4

Comments:

000952