

Flambeau Mining Company
11409 Highway 27
Ladysmith, WI 54848
(715) 532-6600
FAX (715) 532-8295

October 13, 2008

**Kennecott
Minerals**

Ms. Laura Furtman
Wisconsin Resources Protection Council
c/o Mr. Glenn Stoddard
Stoddard Law Office
130 S. Barstow St. Suite 2C
Eau Claire, WI 54701

Sierra Club
c/o Mr. Glenn Stoddard
Stoddard Law Office
130 S. Barstow St. Suite 2C
Eau Claire, WI 54701

Mr. Al Gedicks
c/o Mr. Glenn Stoddard
Stoddard Law Office
130 S. Barstow St. Suite 2C
Eau Claire, WI 54701

Mr. John Styczinski
Rusk County Citizens Action Group
P.O. Box 216
Conrath, WI 54731

Attorney Dan Graff
WI Department of Natural Resources
101 S. Webster Street, LD/5
P.O. Box 7921
Madison, WI 53707

Mr. Tom Wilson
Northern Thunder
500 East Jefferson Street
Viroqua, WI 54665

Lac Courte Oreilles Band of
Lake Superior Chippewa Indians
c/o Melissa Scanlan
Midwest Environmental Advocates
551 W. Main Street, Suite 200
Madison, WI 53703

WI Resources Protection Council
c/o Mr. Glenn Stoddard
Stoddard Law Office
130 S. Barstow St. Suite 2C
Eau Claire, WI 54701

Dear All:

Re: 2008 Stipulation Monitoring – Flambeau Mining Company
Sediment and Soil Results

Flambeau Mining Company (Flambeau) is providing the results of monitoring conducted in accordance with the May 31, 2007 Stipulation. A memorandum provided by Foth Infrastructure & Environment, LLC is attached which presents the results of the stipulated sediment and soil sampling. Samples were collected in accordance with the December 7, 2007 Certificate of Completion Stipulation Monitoring work plan.

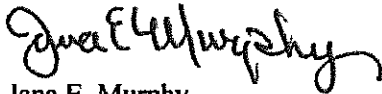
This October 10 interim report will be followed by a document compiling the results of monitoring conducted during 2008 pursuant to the Stipulation. The compilation of the 2008 Stipulation monitoring will be provided in January 2009 and will also be included in Flambeau's 2008 Annual Report.

Stipulation Parties
October 13, 2008
Page 2

Upon Mr. Glenn Stoddard's recommendation, Flambeau will continue to send the Rusk County Citizens Action Group's documents to Mr. John Styczinski's attention until receipt of written notification otherwise. With the recent death of Mr. Styczinski, it is anticipated that an alternate recipient will be designated in the near future.

If there are any questions, I can be contacted at 715-532-6690 Ext. 2 or jana-murphy@clearwire.net.

Sincerely,



Jana E. Murphy
Environmental & Reclamation Manager

Attachment

Cc: Tom Aartila, WDNR
Dave Cline, KMC
Phil Fauble, WDNR
Hank Handzel, DeWitt, Ross & Stevens
Jim Hutchison, Foth



Memorandum

October 13, 2008

TO: Jana Murphy, Flambeau Mining Company

CC: Dave Cline, Kennecott Minerals Company
Hank Handzel, DeWitt, Ross & Stevens, LLP
Master File 08F777-5001

FR: Sharon V.F. Kozicki, CEM, P.G., Foth Infrastructure & Environment, LLC
James B. Hutchison, P.E., Foth Infrastructure & Environment, LLC

RE: 2008 Stipulated Sediment and Soil Results, Reclaimed Flambeau Mine

Introduction

Between May 27, 2008 and August 12, 2008, sediment and soil samples were collected in accordance with the December 7, 2007 Stipulation Monitoring Work Plan (Work Plan) which was prepared to address item number 6 of the May 31, 2007 Stipulation Agreement. Item number 6 specifies the additional monitoring Flambeau agreed to undertake at and around the reclaimed mine site.

This memo presents the results of the stipulated sediment and soil sampling. Results of the surface water sampling were presented to the Parties to the Stipulation in a letter dated July 23, 2008. Results from the September 2008 biota sampling will be reported in a subsequent memo once all results are received.

Methods

Sediment samples were collected from the locations specified in the Work Plan as shown on Figure 1. Six individual samples from the 0.9 acre bio-filter were collected on May 27, 2008. Six individual samples from the 1.7-acre constructed wetland were collected on August 12, 2008. Two samples from Stream C were collected on May 28, 2008. Three samples from the Flambeau River were collected on July 31, 2008. With the exception of the Flambeau River samples and the Stream C samples, all sediment samples were collected using sediment probes. The Flambeau River samples were collected using sediment traps. Stream C was dry at the time the samples were collected; therefore a hand trowel was used to collect the samples.

Soil samples were collected on July 31, 2008 using a hand trowel to dig below ground surface and from the locations specified in the Work Plan and shown on Figure 1. A pick axe was used to break apart consolidated material at the H&H building. Hand augers could not be used due to dense vegetation and compacted material. Soil sampling included five individual locations around the H&H building and five composited locations around the mine site.

Samples were analyzed by Northern Lake Services (Crandon, WI) (NLS) for the parameters specified in the Work Plan.

Results

Results from the sampling are summarized in Table 1. Copies of NLS laboratory reports are provided in Attachment 1.

**Table 1
Stipulated Monitoring Results**

Parameter	Units	Sample ID	S-IOBF-7 (0-.12)	S-IOBF-8 (0-.25)	S-IOBF-9 (0-.19)	S-IOBF-10 (0-.2)	S-IOBF-11 (0-.15)	S-IOBF-12 (0-.17)	S-MSBF-1 (0-.15)	S-MSBF-2 (0-.12)	S-MSBF-3 (0-.13)	S-MSBF-4 (0-.15)	S-MSBF-5 (0-.22)	S-MSBF-6 (0-.17)	Sed-S 1A-1D	Sed-S 3A-3D	
		Collection Date	5/27/2008	5/27/2008	5/27/2008	5/27/2008	5/27/2008	5/27/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	7/31/2008	7/31/2008
		Area	0.9-acre Biofilter	0.9-acre Biofilter	0.9-acre Biofilter	0.9-acre Biofilter	0.9-acre Biofilter	0.9-acre Biofilter	0.9-acre Biofilter	1.7-acre Constructed Wetland	1.7-acre Constructed Wetland	1.7-acre Constructed Wetland	1.7-acre Constructed Wetland	1.7-acre Constructed Wetland	1.7-acre Constructed Wetland	Flambeau River	Flambeau River
		Sample Depth	0-.12'	0-.25'	0-.19'	0-.2'	0-.15'	0-.17'	0-.15'	0-.12'	0-.13'	0-.15'	0-.22'	0-.17'	NA	NA	
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment		
Copper, tot.	mg/Kg DWB		1500	910	2100	750	730	360	37	71	54	32	28	44	8.6	17	
Iron, tot.	mg/Kg DWB		26000	22000	54000	24000	21000	16000	17000	25000	26000	18000	22000	21000	16000	24000	
Manganese, tot.	mg/Kg DWB		370	380	1100	440	440	300	470	490	480	330	500	380	1000	1600	
pH, lab (soil/sludge)	s.u. pHw																
Solids, tot. volatile	% DWB														< 2.0	6.2	
Solids, total on solids	%		51.5	51.4	16.3	41.5	29.9	42.1	14.5	15.3	15.7	20.4	21.3	22	75.2	36.6	
Sulfide, as S	%																
Zinc, tot.	mg/Kg DWB		120	87	250	96	98	61	57	64	69	51	59	57	32	80	

**Table 1
Stipulated Monitoring Results**

Parameter	Units	Sample ID	Sed-S 4A-4D	Soil, S-SS-HH-1	Soil, S-SS-HH-2	Soil, S-SS-HH-3	Soil, S-SS-HH-4	Soil, S-SS-HH-5	S-SS-MS-1	S-SS-MS-2	S-SS-MS-3	S-SS-MS-4	S-SS-MS-5	S-C-1	S-C-2
		Collection	Date	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	5/28/2008
		Area	Flambeau River	H&H Building	H&H Building	H&H Building	H&H Building	H&H Building	Reclaimed Flambeau Mine	Reclaimed Flambeau Mine	Reclaimed Flambeau Mine	Reclaimed Flambeau Mine	Reclaimed Flambeau Mine	Stream C	Stream C
		Sample Depth	NA	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'	0-.25'
		Matrix	Sediment	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Sediment	Sediment
Copper, tot.	mg/Kg DWB		24	76	71	70	290	54	7.8	8.9	11	13	12	180	7.2
Iron, tot.	mg/Kg DWB		22000											20000	8400
Manganese, tot.	mg/Kg DWB		1200											490	150
pH, lab (soil/sludge)	s.u. pHw			5.7	5.3	5.7	5.1	6.3	6.1	6	6	6	6		
Solids, tot. volatile	% DWB		6.7												
Solids, total on solids	%		30.8	96.4	97.4	97.7	92.9	95.6	89.2	93.6	89.8	84.5	91.7	40.2	80.2
Sulfide, as S	%			<0.01	0.01 B	<0.01	0.01 B	<0.01	0.01 B	<0.01	<0.01	<0.01	<0.01		
Zinc, tot.	mg/Kg DWB		81											330	27

Notes:

- B = Analyte concentration detected at a value between the method detection limit and the practical quantitation limit.
- DWB = milligrams/kilogram
- mg/kg = milligrams/kilogram
- pHw = pH of water slurry from solid
- % = Percent
- S = Sulfur
- s.u. = standard unit
- (') = feet
- tot = total
- < = Result is less than the limit of detection

Attachment 1

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Grandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 06/12/08 Code: S Page 1 of 3

NLS Project: 118737

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway Z7
 Ladysmith, WI 54848

Project: Sediment Samples

Soil, S-IOBF-7 (0--12) NLS ID: 480267

Matrix: SO

Collected: 05/27/08 12:15 Received: 06/03/08

Parameter

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
1500	mg/Kg DWB	10	1.4	4.6	06/11/08	SW846 6010	721026460
26000	mg/Kg DWB	10	5.7	19	06/11/08	SW846 6010	721026460
370	mg/Kg DWB	10	0.72	2.4	06/11/08	SW846 6010	721026460
51.5	%	1	0.10*		06/03/08	ASTM D2216	721026460
120	mg/Kg DWB	10	1.2	4.0	06/11/08	SW846 6010	721026460
yes					06/09/08	SW846 3050M	721026460

Soil, S-IOBF-8 (0--25) NLS ID: 480268

Matrix: SO

Collected: 05/27/08 12:20 Received: 06/03/08

Parameter

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
910	mg/Kg DWB	10	1.4	4.9	06/11/08	SW846 6010	721026460
22000	mg/Kg DWB	10	6.1	20	06/11/08	SW846 6010	721026460
380	mg/Kg DWB	10	0.76	2.6	06/11/08	SW846 6010	721026460
51.4	%	1	0.10*		06/03/08	ASTM D2216	721026460
87	mg/Kg DWB	10	1.3	4.3	06/11/08	SW846 6010	721026460
yes					06/09/08	SW846 3050M	721026460

Soil, S-IOBF-9 (0--19) NLS ID: 480269

Matrix: SO

Collected: 05/27/08 12:36 Received: 06/03/08

Parameter

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
2100	mg/Kg DWB	10	4.8	16	06/11/08	SW846 6010	721026460
54000	mg/Kg DWB	10	20	67	06/11/08	SW846 6010	721026460
1100	mg/Kg DWB	10	2.5	8.5	06/11/08	SW846 6010	721026460
16.3	%	1	0.10*		06/03/08	ASTM D2216	721026460
250	mg/Kg DWB	10	4.4	14	06/11/08	SW846 6010	721026460
yes					06/09/08	SW846 3050M	721026460

Soil, S-IOBF-10 (0--2) NLS ID: 480270

Matrix: SO

Collected: 05/27/08 12:45 Received: 06/03/08

Parameter

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
750	mg/Kg DWB	10	1.6	5.5	06/11/08	SW846 6010	721026460
24000	mg/Kg DWB	10	6.9	23	06/11/08	SW846 6010	721026460
440	mg/Kg DWB	10	0.86	2.9	06/11/08	SW846 6010	721026460
41.5	%	1	0.10*		06/03/08	ASTM D2216	721026460
96	mg/Kg DWB	10	1.5	4.8	06/11/08	SW846 6010	721026460
yes					06/09/08	SW846 3050M	721026460

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 06/12/08 Code: S Page 2 of 3
 NLS Project: 118737
 NLS Customer: 11750
 Fax: 715 532 6885 Phone: 715 532 6690

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848
 Project: Sediment Samples

Soil, S-10BF-11 (0-15) NLS ID: 480271
 Matrix: SO
 Collected: 05/27/08 13:00 Received: 06/03/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	730	mg/Kg DWB	2	0.46	1.6	06/11/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	21000	mg/Kg DWB	10	9.8	32	06/11/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	440	mg/Kg DWB	10	1.2	4.1	06/11/08	SW846 6010	721026460
Solids, total on solids	29.9	%	1	0.10*		06/03/08	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	98	mg/Kg DWB	2	0.42	1.4	06/11/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					06/09/08	SW846 3050M	721026460

Soil, S-10BF-12 (0-17) NLS ID: 480272
 Matrix: SO
 Collected: 05/27/08 12:50 Received: 06/03/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	360	mg/Kg DWB	2	0.29	1.0	06/11/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	16000	mg/Kg DWB	10	6.3	21	06/11/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	300	mg/Kg DWB	10	0.78	2.6	06/11/08	SW846 6010	721026460
Solids, total on solids	42.1	%	1	0.10*		06/03/08	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	61	mg/Kg DWB	2	0.27	0.88	06/11/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					06/09/08	SW846 3050M	721026460

Soil, S-C-1 NLS ID: 480273
 Matrix: SO
 Collected: 05/28/08 09:30 Received: 06/03/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	180	mg/Kg DWB	5	0.61	2.1	06/11/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	20000	mg/Kg DWB	10	5.2	17	06/11/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	490	mg/Kg DWB	10	0.65	2.2	06/11/08	SW846 6010	721026460
Solids, total on solids	40.2	%	1	0.10*		06/03/08	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	330	mg/Kg DWB	5	0.55	1.8	06/11/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					06/09/08	SW846 3050M	721026460

Soil, S-C-2 NLS ID: 480274
 Matrix: SO
 Collected: 05/28/08 10:30 Received: 06/03/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	7.2	mg/Kg DWB	1	0.077	0.26	06/11/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	8400	mg/Kg DWB	10	3.3	11	06/11/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	150	mg/Kg DWB	10	0.41	1.4	06/11/08	SW846 6010	721026460
Solids, total on solids	80.2	%	1	0.10*		06/03/08	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	27	mg/Kg DWB	1	0.070	0.23	06/11/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					06/09/08	SW846 3050M	721026460

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

Client: Flambeau Mining Company
Attn: Jana Murphy
N4100 Highway 27
Ladysmith, WI 54848

Project: Sediment Samples

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. W100034

Printed: 06/12/08 Code: S Page 3 of 3

NLS Project: 118737
NLS Customer: 11750
Fax: 715 532 6885 Phone: 715 532 6690

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
R. T. Krueger
President



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Page: 1 of 1
 COC Number: COC-100001

Company: Foth Infrastructure & Environment, LLC
 Flambeau Mining Company
 Jana Murphy
 Address: N4100 Hwy 27
 Ladysmith, WI 54848
 Sharon Felix felix@foth.com
 Jana Murphy
 Phone: 715-532-6690 Fax: 715-532-68
 Email Address: jana-murphy@clearwire.net Flambeau
 Site License No.: 08F777

Quote Reference:
 Project Manager: Tracy Huber
 Project #:
 Profile #:
 Sampling Team Members:
 Regulatory Agency:
 State Localities: Wisconsin
 GJP, SVF

ITEM NUMBER	SAMPLE ID	MATRIX	SAMPLE TYPE	DATE COLLECTED (MM/DD/YYYY)	TIME COLLECTED (Military time)	# Containers	PRESERVATIVES						Requested Analysis	Filtered (Y/N)	REMARKS / Lab ID
							H2SO4	HNO3	HCl	NaOH	H2S2O3	Methanol			
1	S-IOBF-7(0-.12)	SE	G	5/27/2008	1215	1	X								480267
2	S-IOBF-8(0-.25)	SE	G	5/27/2008	1220	1	X								268
3	S-IOBF-9(0-.19)	SE	G	5/27/2008	1236	1	X								269
4	S-IOBF-10(0-.2)	SE	G	5/27/2008	1245	1	X								270
5	S-IOBF-11(0-.15)	SE	C	5/27/2008	1300	1	X								271
6	S-IOBF-12(0-.17)	SE	G	5/27/2008	1250	1	X								272
7	S-C-1	SE	C	5/28/2008	0930	1	X								273
8	S-C-2	SE	C	5/28/2008	1030	1	X								274
9															
10															
11															
12															

SHIPMENT METHOD	AIRBILL NO.	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE
			6/2/08	1600	Fed Ex	
			6/3/08	1145	MAIL	

SAMPLE NOTES:

Temp In C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER:
 Sharon Felix

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

W.D.N.R. Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. W100034

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

Project: Flambeau 08F777

Printed: 08/27/08 Code: S Page 1 of 2
 NLS Project: 121641
 NLS Customer: 11750
 Fax: 715 532 6885 Phone: 715 532 6690

Soil, S-MSBF-1 (0-15) NLS ID: 490021

COC: Foth 100003 Matrix: SO
 Collected: 08/12/08 10:44 Received: 08/13/08
 Parameter
 Copper, tot. recoverable as Cu by ICP
 Iron, tot. recoverable as Fe by ICP
 Manganese, tot. recoverable as Mn by ICP
 Solids, total on solids
 Zinc, tot. recoverable as Zn by ICP
 Metals digestion - tot. recov (solid) ICP

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
37	mg/Kg DWB	1	0.53	1.8	08/25/08	SW846 6010	721026460
17000	mg/Kg DWB	1	2.2	7.4	08/26/08	SW846 6010	721026460
470	mg/Kg DWB	1	0.28	0.94	08/26/08	SW846 6010	721026460
14.5	%	1	0.10*		08/15/08	ASTM D2216	721026460
57	mg/Kg DWB	1	0.48	1.6	08/25/08	SW846 6010	721026460
yes					08/14/08	SW846 3050M	721026460

Soil, S-MSBF-2 (0-12) NLS ID: 490022

COC: Foth 100003 Matrix: SO
 Collected: 08/12/08 10:55 Received: 08/13/08
 Parameter
 Copper, tot. recoverable as Cu by ICP
 Iron, tot. recoverable as Fe by ICP
 Manganese, tot. recoverable as Mn by ICP
 Solids, total on solids
 Zinc, tot. recoverable as Zn by ICP
 Metals digestion - tot. recov (solid) ICP

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
71	mg/Kg DWB	1	0.51	1.7	08/25/08	SW846 6010	721026460
25000	mg/Kg DWB	10	22	71	08/26/08	SW846 6010	721026460
490	mg/Kg DWB	1	0.27	0.91	08/26/08	SW846 6010	721026460
15.3	%	1	0.10*		08/15/08	ASTM D2216	721026460
64	mg/Kg DWB	1	0.46	1.5	08/25/08	SW846 6010	721026460
yes					08/14/08	SW846 3050M	721026460

Soil, S-MSBF-3 (0-13) NLS ID: 490023

COC: Foth 100003 Matrix: SO
 Collected: 08/12/08 11:06 Received: 08/13/08
 Parameter
 Copper, tot. recoverable as Cu by ICP
 Iron, tot. recoverable as Fe by ICP
 Manganese, tot. recoverable as Mn by ICP
 Solids, total on solids
 Zinc, tot. recoverable as Zn by ICP
 Metals digestion - tot. recov (solid) ICP

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
54	mg/Kg DWB	1	0.49	1.7	08/25/08	SW846 6010	721026460
26000	mg/Kg DWB	10	21	69	08/26/08	SW846 6010	721026460
480	mg/Kg DWB	1	0.26	0.87	08/26/08	SW846 6010	721026460
15.7	%	1	0.10*		08/15/08	ASTM D2216	721026460
69	mg/Kg DWB	1	0.45	1.5	08/25/08	SW846 6010	721026460
yes					08/14/08	SW846 3050M	721026460

Soil, S-MSBF-4 (0-15) NLS ID: 490024

COC: Foth 100003 Matrix: SO
 Collected: 08/12/08 11:28 Received: 08/13/08
 Parameter
 Copper, tot. recoverable as Cu by ICP
 Iron, tot. recoverable as Fe by ICP
 Manganese, tot. recoverable as Mn by ICP
 Solids, total on solids
 Zinc, tot. recoverable as Zn by ICP
 Metals digestion - tot. recov (solid) ICP

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
32	mg/Kg DWB	1	0.38	1.3	08/25/08	SW846 6010	721026460
18000	mg/Kg DWB	10	16	53	08/26/08	SW846 6010	721026460
330	mg/Kg DWB	1	0.20	0.68	08/26/08	SW846 6010	721026460
20.4	%	1	0.10*		08/15/08	ASTM D2216	721026460
51	mg/Kg DWB	1	0.35	1.1	08/25/08	SW846 6010	721026460
yes					08/14/08	SW846 3050M	721026460

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54820
 Pk: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

Printed: 08/27/08 Code: S Page 2 of 2
 NLS Project: 121641
 NLS Customer: 11750
 Phone: 715 532 6885 Fax: 715 532 6690

Soil, S-MSBF-5 (0-22) NLS ID: 490025
 COC: Foth 100003 Matrix: SO
 Collected: 08/12/08 11:21 Received: 08/13/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	28	mg/kg DWB	1	0.36	1.2	08/25/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	22000	mg/kg DWB	10	15	50	08/26/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	500	mg/kg DWB	1	0.19	0.64	08/26/08	SW846 6010	721026460
Solids, total on solids	21.3	%	1	0.10*		08/15/08	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	59	mg/kg DWB	1	0.33	1.1	08/25/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460

Soil, S-MSBF-6 (0-17) NLS ID: 490026
 COC: Foth 100003 Matrix: SO
 Collected: 08/12/08 11:40 Received: 08/13/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	44	mg/kg DWB	1	0.33	1.1	08/25/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	21000	mg/kg DWB	10	14	46	08/26/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	360	mg/kg DWB	1	0.18	0.59	08/26/08	SW846 6010	721026460
Solids, total on solids	22.0	%	1	0.10*		08/15/08	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	57	mg/kg DWB	1	0.30	0.99	08/25/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ lagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection
 DWB = Dry Weight Basis
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

ND = Not Detected (< LOD)
 %DWB = (mg/kg DWB) / 10000
 1000 ug/L = 1 mg/L

Reviewed by: 
 Authorized by:
 R. T. Krueger
 President



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Page: 1 of 1
COC Number: COC-100003

Foth Infrastructure & Environment, LLC

Company: Flambeau Mining Company
 Report To: Jana Murphy
 Address: N4100 Hwy 27
 Ladysmith, WI 54848
 Copy To: Sharon Felix stefix@foth.com
 Invoice To: Jana Murphy
 Phone: 715-532-6690 Fax: 715-532-6685
 Email Address: jana-murphy@clearwire.net
 Site License No.:
 Project Name: Flambeau
 Project Number 08F777

Requested Due Date:
 TAT: Std
 Project Manager: Tracy Huber
 Project #:
 Profile #:
 Sampling Team Members:
 GJP TRV
 State Location: Wisconsin
 Regulatory Agency:
 State License No.: 08F777

ITEM NUMBER	SAMPLE ID	Matrix	Vial Matrix Code	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	# Containers Unpreserved	Preservatives						Requested Analysis N (SW 848 ERA 8010) Cu, Fe, Mn, Zn	REMARKS / Lab ID	
							H2SO4	HNO3	HCl	NaOH	MnSO3	Methanol			
1	S-MSBF-1(0-15) 490021	SE	G	8/12/2008	1044	1	X								
2	S-MSBF-2(0-12) 490022	SE	G	8/12/2008	1055	1	X								
3	S-MSBF-3(0-13) 490023	SE	G	8/12/2008	1106	1	X								
4	S-MSBF-4(0-15) 490024	SE	G	8/12/2008	1128	1	X								
5	S-MSBF-5(0-22) 490025	SE	G	8/12/2008	1121	1	X								
6	S-MSBF-6(0-17) 490026	SE	G	8/12/2008	1140	1	X								
7															
8															
9															
10															
11															
12															

SAMPLE ID

Matrix: G, SE, BE, SW, DW, WW, H, A, O, C, Other

Vial Matrix Code: G = Composite, G = Grab

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Garland Foth	8/12/08	1410	Daniel Michalski, Foth	8/13/08	0953
					Daniel Michalski, Foth	8/13/08	1410	Robbin Wilson	8/13/08	1910

SAMPLE CONDITION: Temp in C, Received on Ice (Y/N), Sealed Cooler (Y/N), Sample Intact (Y/N)

SAMPLE NOTES:

SAMPLER NAME AND SIGNATURE: Tye Van Dyck
PRINT Name of SAMPLER: Tye Van Dyck
SIGNATURE of SAMPLER: [Signature]
DATE Signed: 8/13/08

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

WDR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. W100034

Printed: 08/28/08 Code: S Page 1 of 3
 NLS Project: 121188
 NLS Customer: 11750
 Fax: 715 532 6885 Phone: 715 532 6690

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

Project: Soil

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Soil, S-SS-MS-1 NLS ID: 488650								
COC: 108743:1 Matrix: SO								
Collected: 07/31/08 09:00 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	7.8	mg/Kg DWB	1	0.21	0.73	08/18/08	SW846 6010	721026460
pH, lab (soil/sludge)	6.1	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	89.2	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/07/08	SW846 3050M	721026460
Soil, S-SS-MS-2 NLS ID: 488651								
COC: 108743:2 Matrix: SO								
Collected: 07/31/08 08:30 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	8.9	mg/Kg DWB	1	0.24	0.81	08/18/08	SW846 6010	721026460
pH, lab (soil/sludge)	6.0	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	93.6	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/07/08	SW846 3050M	721026460
Soil, S-SS-MS-3 NLS ID: 488652								
COC: 108743:3 Matrix: SO								
Collected: 07/31/08 09:30 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	11	mg/Kg DWB	1	0.25	0.85	08/18/08	SW846 6010	721026460
pH, lab (soil/sludge)	6.0	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	89.8	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/07/08	SW846 3050M	721026460
Soil, S-SS-MS-4 NLS ID: 488653								
COC: 108743:4 Matrix: SO								
Collected: 07/31/08 15:00 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	13	mg/Kg DWB	1	0.26	0.90	08/18/08	SW846 6010	721026460
pH, lab (soil/sludge)	6.0	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	84.5	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/07/08	SW846 3050M	721026460
Soil, S-SS-MS-5 NLS ID: 488654								
COC: 108743:5 Matrix: SO								
Collected: 07/31/08 08:05 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	12	mg/Kg DWB	1	0.25	0.86	08/18/08	SW846 6010	721026460
pH, lab (soil/sludge)	6.0	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	91.7	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/07/08	SW846 3050M	721026460

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. W100034

Printed: 08/28/08 Code: S Page 2 of 3

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 121188
NLS Customer: 11750
 Phone: 715 532 6690
 Fax: 715 532 6885

Project: Soil

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Soil, S-SS-HH-1 NLS ID: 488655								
COC: 108743:6 Matrix: SO								
Collected: 07/31/08 10:50 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	76	mg/Kg DWB	1	0.22	0.76	08/18/08	SW846 6010	721026460
pH, lab (soil/sludge)	5.7	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	96.4	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/07/08	SW846 3050M	721026460
Soil, S-SS-HH-2 NLS ID: 488656								
COC: 108743:7 Matrix: SO								
Collected: 07/31/08 11:10 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	71	mg/Kg DWB	1	0.22	0.76	08/25/08	SW846 6010	721026460
pH, lab (soil/sludge)	5.3	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	97.4	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460
Soil, S-SS-HH-3 NLS ID: 488657								
COC: 108743:8 Matrix: SO								
Collected: 07/31/08 11:25 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	70	mg/Kg DWB	1	0.22	0.77	08/25/08	SW846 6010	721026460
pH, lab (soil/sludge)	5.7	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	97.7	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460
Soil, S-SS-HH-4 NLS ID: 488658								
COC: 108743:9 Matrix: SO								
Collected: 07/31/08 11:35 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	290	mg/Kg DWB	1	0.24	0.81	08/25/08	SW846 6010	721026460
pH, lab (soil/sludge)	5.1	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	92.9	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460
Soil, S-SS-HH-5 NLS ID: 488659								
COC: 108743:10 Matrix: SO								
Collected: 07/31/08 11:55 Received: 08/01/08								
Copper, tot. recoverable as Cu by ICP	54	mg/Kg DWB	1	0.24	0.83	08/25/08	SW846 6010	721026460
pH, lab (soil/sludge)	6.3	s.u. pHw	1			08/04/08	SW846 9045	721026460
Solids, total on solids	95.6	%	1	0.10*		08/04/08	ASTM D2216	721026460
Sulfide, as S	see attached					08/07/08	M600/2-78-054 3.2.4	998326010
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
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EPA Laboratory ID No. WI00034

Printed: 08/28/08 Code: S Page 3 of 3

NLS Project: 121188
NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Client: Flambeau Mining Company
Attn: Jana Murphy
N4100 Highway 27
Ladysmith, WI 54848

Project: Soil

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L

DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
R. T. Krueger
President

Northern Lake Service, Inc.
 Project ID: S08-3939
 Sample ID: 488650

ACZ Sample ID: L71017-01
 Date Sampled: 07/31/08 09:00
 Date Received: 08/07/08
 Sample Matrix: Soil

Soil Analysis

Parameter	PA Method	Result	Qualifier	Units	MDL	PPM	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4							
Sulfur Organic Residual			U *	%	0.01	0.1	08/22/08 0:00	lwl/bjl
Sulfur Pyritic Sulfide		0.01	B *	%	0.01	0.1	08/22/08 0:00	lwl/bjl
Sulfur Sulfate			U *	%	0.01	0.1	08/22/08 0:00	lwl/bjl
Sulfur Total			U *	%	0.01	0.1	08/22/08 0:00	lwl/bjl
Total Sulfur minus Sulfate			U *	%	0.01	0.1	08/22/08 0:00	lwl/bjl

Soil Preparation

Parameter	PA Method	Result	Qualifier	Units	MDL	PPM	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972						08/12/08 17:51	mjc
Crush and Pulverize	USDA No. 1, 1972						08/19/08 13:45	bjl

Northern Lake Service, Inc.

Project ID: S08-3939
Sample ID: 488651

ACZ Sample ID: **L71017-02**
Date Sampled: 07/31/08 08:30
Date Received: 08/07/08
Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Unit	MDL	Rel	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4						
Sulfur Organic Residual		U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide		U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Sulfate		U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Total		U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Unit	MDL	Rel	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972					08/12/08 17:57	mjc
Crush and Pulverize	USDA No. 1, 1972					08/19/08 14:45	bjl

Northern Lake Service, Inc.

Project ID: S08-3939
Sample ID: 488652

ACZ Sample ID: **L71017-03**
Date Sampled: 07/31/08 09:30
Date Received: 08/07/08
Sample Matrix: Soil

Soil Analysis

Parameter	EP Method	Result	Qual	Exc	Units	MLL	PLL	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4								
Sulfur Organic Residual		0.01	B	*	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide			U	*	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Sulfate			U	*	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Total		0.01	B	*	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		0.01	B	*	%	0.01	0.1	08/22/08 0:00	lwt/bjl

Soil Preparation

Parameter	EP Method	Result	Qual	Exc	Units	MLL	PLL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972							08/12/08 18:03	mjc
Crush and Pulverize	USDA No. 1, 1972							08/19/08 15:46	bjl

Northern Lake Service, Inc.
 Project ID: S08-3939
 Sample ID: 488653

ACZ Sample ID: **L71017-04**
 Date Sampled: 07/31/08 15:00
 Date Received: 08/07/08
 Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Qual. Co.	Units	MDL	REL	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4							
Sulfur Organic Residual		0.02	B *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide			U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Sulfate			U *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Sulfur Total		0.02	B *	%	0.01	0.1	08/22/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		0.02	B *	%	0.01	0.1	08/22/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Qual. Co.	Units	MDL	REL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972						08/12/08 18:09	mjc
Crush and Pulverize	USDA No. 1, 1972						08/19/08 16:47	bjl

Northern Lake Service, Inc.

Project ID: S08-3939

Sample ID: 488654

ACZ Sample ID: **L71017-05**

Date Sampled: 07/31/08 08:05

Date Received: 08/07/08

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Qual	Std	Units	MDL	DL	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4								
Sulfur Organic Residual		0.01	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide			U	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Sulfate		0.01	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Total		0.01	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Total Sulfur minus Sulfate			U	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Qual	Std	Units	MDL	DL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972							08/12/08 18:15	mjc
Crush and Pulverize	USDA No. 1, 1972							08/19/08 17:48	bjl

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Inorganic Analytical
Results**

Northern Lake Service, Inc.

Project ID: S08-3939

Sample ID: 488655

ACZ Sample ID: **L71017-06**

Date Sampled: 07/31/08 10:50

Date Received: 08/07/08

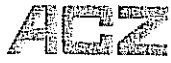
Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Qual	XC	Units	MDL	PL	Date	Analys
Sulfur Forms	M600/2-78-054 3.2.4								
Sulfur Organic Residual		0.02	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide			U	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Sulfate		0.01	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Total		0.03	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		0.02	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Qual	XC	Units	MDL	PL	Date	Analys
Air Dry at 34 Degrees C	USDA No. 1, 1972							08/12/08 18:21	mjc
Crush and Pulverize	USDA No. 1, 1972							08/19/08 18:49	bjl



ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Northern Lake Service, Inc.

Project ID: S08-3939

Sample ID: 488656

ACZ Sample ID: L71017-07

Date Sampled: 07/31/08 11:10

Date Received: 08/07/08

Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Qual	Lo	Units	MDL	PD	Date	Analyst
Sulfur Forms	M600/2-76-054 3.2.4								
Sulfur Organic Residual		0.04	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide		0.01	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Sulfate			U	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Total		0.05	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		0.05	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Qual	Lo	Units	MDL	PD	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972							08/12/08 18:27	mjc
Crush and Pulverize	USDA No. 1, 1972							08/19/08 19:50	bjl

Northern Lake Service, Inc.
 Project ID: S08-3939
 Sample ID: 488657

ACZ Sample ID: **L71017-08**
 Date Sampled: 07/31/08 11:25
 Date Received: 08/07/08
 Sample Matrix: Soil

Soil Analysis

Parameter	APN/Method	Result	Qual. (C)	Units	IDL	POL	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4							
Sulfur Organic Residual		0.05	B *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide			U *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Sulfate		0.03	B *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Total		0.08	B *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		0.05	B *	%	0.01	0.1	08/23/08 0:00	lwt/bjl

Soil Preparation

Parameter	APN/Method	Result	Qual. (C)	Units	IDL	POL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972						08/12/08 18:33	mjc
Crush and Pulverize	USDA No. 1, 1972						08/19/08 20:50	bjl

Northern Lake Service, Inc.

Project ID: S08-3939
Sample ID: 488658

ACZ Sample ID: **L71017-09**
Date Sampled: 07/31/08 11:35
Date Received: 08/07/08
Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Unit	Qualifier	Units	MDL	Det.	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4								
Sulfur Organic Residual		0.06	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide		0.01	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Sulfate			U	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Total		0.07	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Total Sulfur minus Sulfate		0.07	B	*	%	0.01	0.1	08/23/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Unit	Qualifier	Units	MDL	Det.	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972							08/12/08 18:39	mjc
Crush and Pulverize	USDA No. 1, 1972							08/19/08 21:51	bjl

Northern Lake Service, Inc.
 Project ID: S08-3939
 Sample ID: 488659

ACZ Sample ID: L71017-10
 Date Sampled: 07/31/08 11:55
 Date Received: 08/07/08
 Sample Matrix: Soil

Soil Analysis

Parameter	EPA Method	Result	Qual. Code	Units	U/L	P/L	Date	Analyst
Sulfur Forms	M600/2-78-054 3.2.4							
Sulfur Organic Residual			U *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Pyritic Sulfide			U *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Sulfate		0.01	B *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Sulfur Total		0.01	B *	%	0.01	0.1	08/23/08 0:00	lwt/bjl
Total Sulfur minus Sulfate			U *	%	0.01	0.1	08/23/08 0:00	lwt/bjl

Soil Preparation

Parameter	EPA Method	Result	Qual. Code	Units	U/L	P/L	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972						08/12/08 18:45	mjc
Crush and Pulverize	USDA No. 1, 1972						08/19/08 22:52	bjl



Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Reference

Laboratory Abbreviations

<i>Batch</i>	A distinct set of samples analyzed at a specific time
<i>Found</i>	Value of the QC Type of Interest
<i>Limit</i>	Upper limit for RPD, in %.
<i>Lower</i>	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
<i>MDL</i>	Method Detection Limit. Same as Minimum Reporting Limit. Allows for instrument and annual fluctuations.
<i>PCN/SCN</i>	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
<i>PQL</i>	Practical Quantitation Limit, typically 5 times the MDL.
<i>QC</i>	True Value of the Control Sample or the amount added to the Spike
<i>Rec</i>	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
<i>RPD</i>	Relative Percent Difference, calculation used for Duplicate QC Types
<i>Upper</i>	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
<i>Sample</i>	Value of the Sample of interest

QC Sample Types

<i>AS</i>	Analytical Spike (Post Digestion)	<i>LCSWD</i>	Laboratory Control Sample - Water Duplicate
<i>ASD</i>	Analytical Spike (Post Digestion) Duplicate	<i>LFB</i>	Laboratory Fortified Blank
<i>CCB</i>	Continuing Calibration Blank	<i>LFM</i>	Laboratory Fortified Matrix
<i>CCV</i>	Continuing Calibration Verification standard	<i>LFMD</i>	Laboratory Fortified Matrix Duplicate
<i>DUP</i>	Sample Duplicate	<i>LRB</i>	Laboratory Reagent Blank
<i>ICB</i>	Initial Calibration Blank	<i>MS</i>	Matrix Spike
<i>ICV</i>	Initial Calibration Verification standard	<i>MSD</i>	Matrix Spike Duplicate
<i>ICSAB</i>	Inter-element Correction Standard - A plus B solutions	<i>PBS</i>	Prep Blank - Soil
<i>LCSS</i>	Laboratory Control Sample - Soil	<i>PBW</i>	Prep Blank - Water
<i>LCSSD</i>	Laboratory Control Sample - Soil Duplicate	<i>PQV</i>	Practical Quantitation Verification standard
<i>LCSW</i>	Laboratory Control Sample - Water	<i>SDL</i>	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

QC Sample Results (QC)

<i>B</i>	Analyte concentration detected at a value between MDL and PQL.
<i>H</i>	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
<i>U</i>	Analyte was analyzed for but not detected at the indicated MDL.

References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (5) EPA SW-846. Test Methods for Evaluating Solid Waste, Third Edition with Update III, December 1996.
- (6) Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995.

Comments

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.

Northern Lake Service, Inc.

ACZ Project ID: L71017

ACZ ID	WORK NUMBER	PARAMETER	METHOD	QUALITY DESCRIPTION
L71017-01	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-02	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-03	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-04	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).

Northern Lake Service, Inc.

ACZ Project ID: L71017

ANALYTE	CONCENTRATION	UNIT	LOCATION	QUALIFICATION
L71017-05	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-06	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-07	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-08	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).

Northern Lake Service, Inc.

ACZ Project ID: **L71017**

ACZ ID	WORKSHEET NUMBER	PARAMETER	METHOD	QUALITY DESCRIPTION
L71017-09	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L71017-10	WG250441	Sulfur Organic Residual	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Sulfur Total	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
		Total Sulfur minus Sulfate	M600/2-78-054 3.2.4	RA Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).

Northern Lake Service, Inc.

ACZ Project ID: L71017

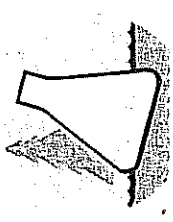
Soil Analysis

Sulfur Forms M600/2-78-054 3.2.4

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue • Crandon, WI 54520-1298
 Tel: (715) 478-2777 • Fax: (715) 478-3060

Wisconsin Lab Cert. No. 721026460
 WI DATCP 105-000330



NO. 108743

CLIENT: Flambeau Mining Co.
 ADDRESS: 11100 Hwy B7, Ladysmith, WI
 CITY: Ladysmith, WI
 STATE: WI
 ZIP: 54848
 QUOTATION NO.:
 DNR LICENSE #:
 CONTACT: JANE E. MURPHY
 PHONE: 715-532-1690
 FAX: 715-532-1685
 PURCHASE ORDER NO.: 115-532-1685

USE BOXES BELOW: Indicate Y or N if GW Sample is field filled.
 Indicate G or C if WW Sample is Grab or Composite.

MATRIX:
 SW = surface water
 WW = waste water
 GW = groundwater
 DW = drinking water
 TIS = tissue
 AIR = air
 SOIL = soil
 SED = sediment
 PROD = product
 SL = sludge
 OTHER

ANALYZE PER ORDER OF ANALYSIS

DATE	TIME	MATRIX (See above)
7/31/08	0900	Soil
7/31/08	0830	
7/31/08	0930	
7/28/08	1500	
7/31/08	0805	
7/31/08	1050	
7/31/08	1110	
7/31/08	1125	
7/31/08	1135	
7/31/08	1155	

ITEM NO.	LAB ID	SAMPLE ID	DATE	TIME	MATRIX (See above)	COLLECTION	DATE/TIME	DATE/TIME	DATE/TIME	TEMP.	CONDITION	REMARKS
1.	10571	S-SS-MS-1	7/31/08	0900	Soil							
2.	1051	S-SS-MS-2	7/31/08	0830								
3.	1050	S-SS-MS-3	7/31/08	0930								
4.	1053	S-SS-MS-4	7/28/08	1500								
5.	1051	S-SS-MS-5	7/31/08	0805								
6.	1055	S-SS-HH-1	7/31/08	1050								
7.	1056	S-SS-HH-2	7/31/08	1110								
8.	1057	S-SS-HH-3	7/31/08	1125								
9.	1058	S-SS-HH-4	7/31/08	1135								
10.	1059	S-SS-HH-5	7/31/08	1155								

COLLECTED BY (signature) _____

RECEIVED BY (signature) _____

DATE/TIME: 7/31/08 1600

DATE/TIME: 8/1/08

DATE/TIME: 8/1/08 1315

REPORT TO: Flambeau Mining Co.

INVOICE TO: same

NO. 108743

RECEIVED AT/MS BY (signature) _____

DATE/TIME: 8/1/08

DATE/TIME: 8/1/08

DATE/TIME: 8/1/08

TEMP.:

CONDITION: 1000 - muphphoedoojowewjvt

REMARKS & OTHER INFORMATION:

WIDNR FACILITY NUMBER: 1000 - muphphoedoojowewjvt

E-MAIL ADDRESS:

COOLER # 43105

PRESERVATIVE: N = nitric acid, OH = sodium hydroxide, Z = zinc acetate, HA = hydrochloric & acetic acid, M = methanol, H = hydrochloric acid, S = sulfuric acid

IMPORTANT!

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
 2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
 3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
 4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICE TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. W1000034

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

Printed: 09/10/08 Code: S Page 1 of 1
 NLS Project: 121189
 NLS Customer: 11750
 Fax: 715 532 6885 Phone: 715 532 6690

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

Project: Sediment Samples - Stip-Soil

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	8.6	mg/Kg DWB	1	0.061	0.21	08/25/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	16000	mg/Kg DWB	10	2.6	8.5	08/26/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	1000	mg/Kg DWB	10	0.32	1.1	08/26/08	SW846 6010	721026460
Solids, total on solids	75.2	%	1	0.10*		08/07/08	ASTM D2216	721026460
Solids, tot. volatile	ND	% DWB	1	2.0*		08/04/08	EPA 160.4	721026460
Zinc, tot. recoverable as Zn by ICP	32	mg/Kg DWB	1	0.055	0.18	08/25/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460
Sieve test	see attached					09/02/08	ASTM D422	NA
Misc. Sample Prep	yes					08/04/08	NA	721026460

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	17	mg/Kg DWB	1	0.13	0.43	08/25/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	24000	mg/Kg DWB	10	5.3	18	08/26/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	1600	mg/Kg DWB	10	0.67	2.2	08/26/08	SW846 6010	721026460
Solids, total on solids	36.6	%	1	0.10*		08/04/08	ASTM D2216	721026460
Solids, tot. volatile	6.2	% DWB	1	2.0*		08/04/08	EPA 160.4	721026460
Zinc, tot. recoverable as Zn by ICP	80	mg/Kg DWB	1	0.11	0.37	08/25/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460
Sieve test	see attached					09/02/08	ASTM D422	NA
Misc. Sample Prep	yes					08/04/08	NA	721026460

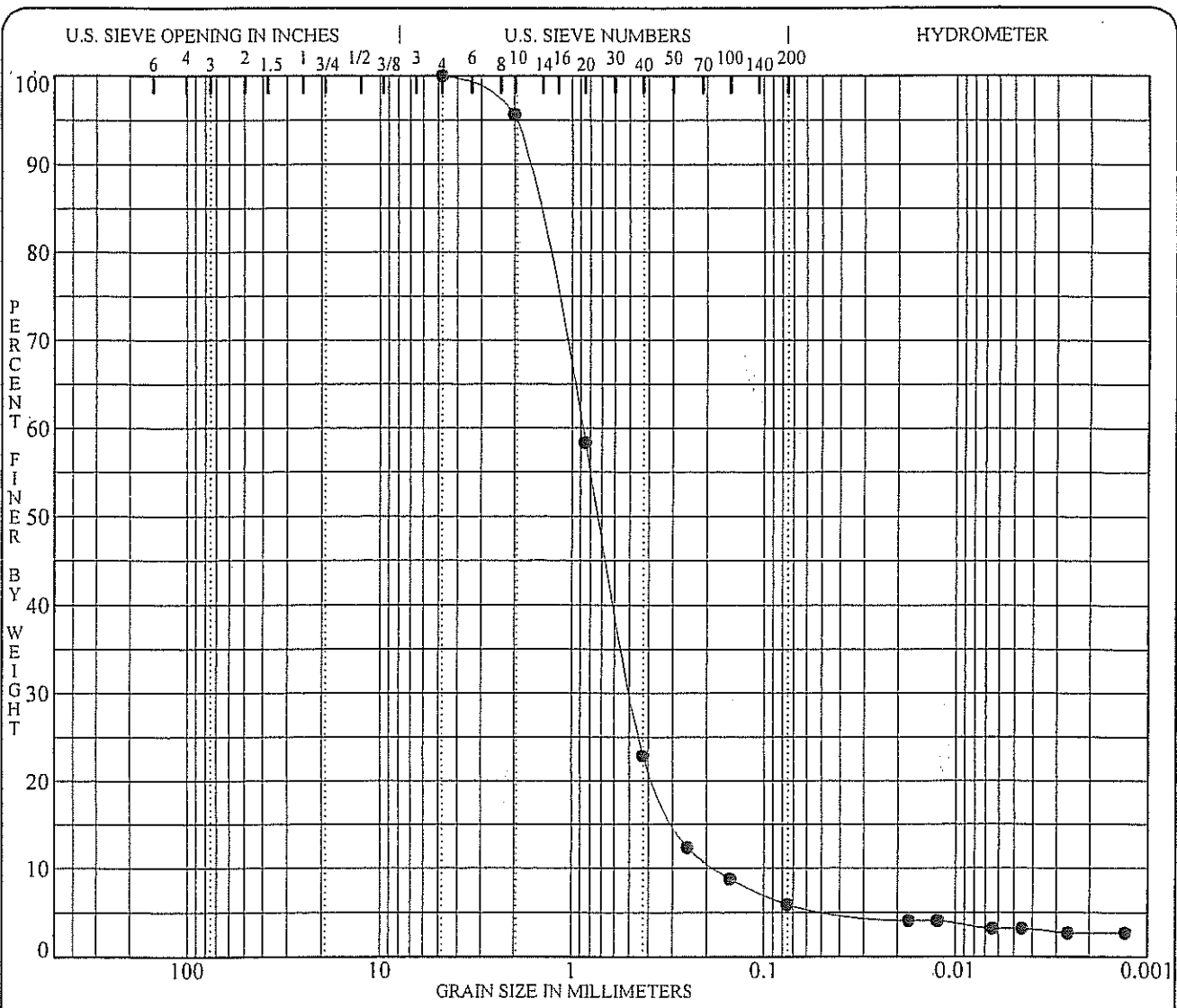
Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	24	mg/Kg DWB	1	0.15	0.51	08/25/08	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	22000	mg/Kg DWB	10	6.3	21	08/26/08	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	1200	mg/Kg DWB	10	0.79	2.7	08/26/08	SW846 6010	721026460
Solids, total on solids	30.8	%	1	0.10*		08/04/08	ASTM D2216	721026460
Solids, tot. volatile	6.7	% DWB	1	2.0*		08/04/08	EPA 160.4	721026460
Zinc, tot. recoverable as Zn by ICP	81	mg/Kg DWB	1	0.14	0.44	08/25/08	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/14/08	SW846 3050M	721026460
Sieve test	see attached					09/02/08	ASTM D422	NA
Misc. Sample Prep	yes					08/04/08	NA	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD)
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by: 

Authorized by:
 R. T. Krueger
 President



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● 488660						1.52	4.9
☒ LAB ID: SH2809							
▲							
★							
◎							

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● 488660	4.75	0.88	0.489	0.1784	0.0	94.1	2.7	3.2
☒								
▲								
★								
◎								

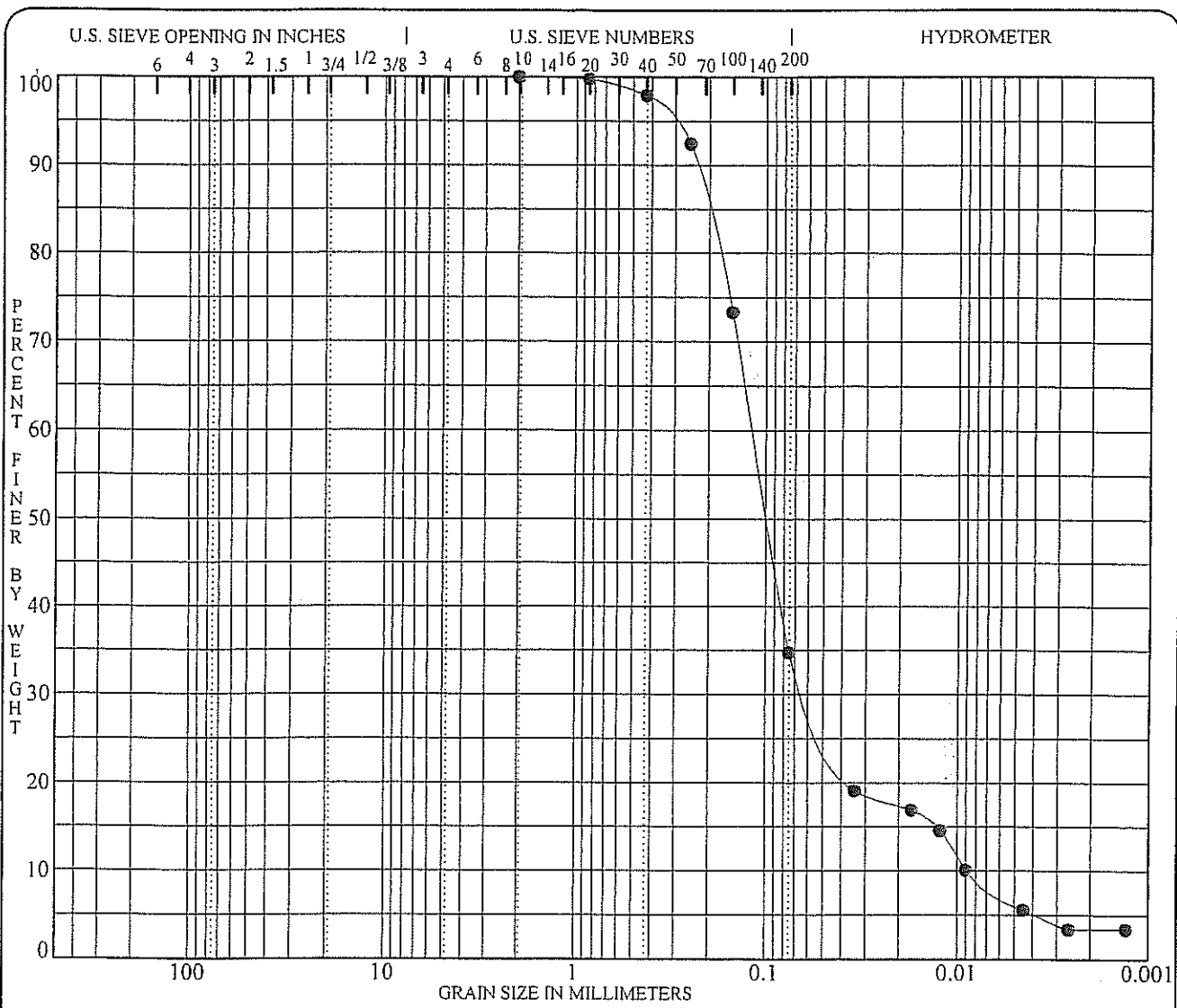
GRAFSIEV GINT.GP.J. MILLR. ENG.GDT. 9/2/08 16:09

CLIENT: Northern Lake Service, Inc. JOB NO.: 08-1-17951
 PROJECT: NLS Project #121189 TEST DATE: 9/2/08

MILLER
ENGINEERS
SCIENTISTS

GRAIN SIZE ANALYSIS
ASTM D422

SOURCE:
 SAMPLED BY: NLS
 TESTED BY: RSE
 REVIEWED BY: ARD



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					MC%	LL	PL	PI	Cc	Cu
● 488661										3.33	13.3
☒ LAB ID: SH2810											
▲											
★											
◎											
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay			
● 488661	2.00	0.12	0.059	0.0089	0.0	65.3	28.4	6.3			
☒											
▲											
★											
◎											

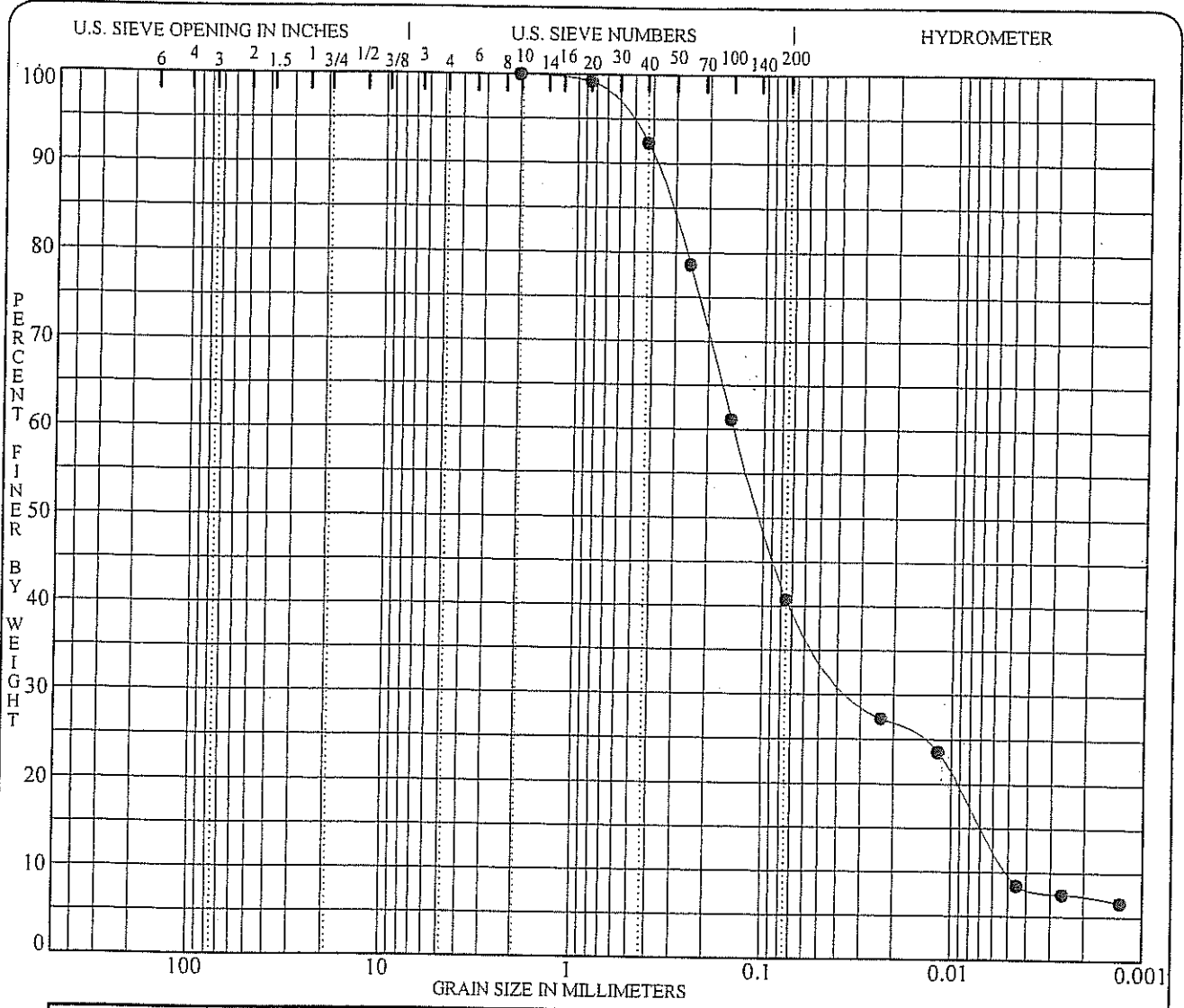
CLIENT : Northern Lake Service, Inc. JOB NO.: 08-1-17951
PROJECT: NLS Project #121189 TEST DATE: 9/2/08

MILLER
ENGINEERS
SCIENTISTS

GRAIN SIZE ANALYSIS
ASTM D422

SOURCE:
SAMPLED BY: NLS
TESTED BY: RSE
REVIEWED BY: PGP

3RAFSIEV GINT.GPJ_MLR_ENG.GDT 9/2/08 16:09



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification				MC%	LL	PL	PI	Cc	Cu
● 488662									1.21	29.2
☒ LAB ID: SH2811										
▲										
★										
◎										
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
● 488662	2.00	0.14	0.029	0.0049	0.0	59.3	30.6	10.2		
☒										
▲										
★										
◎										

CLIENT : Northern Lake Service, Inc. JOB NO.: 08-1-17951
 PROJECT: NLS Project #121189 TEST DATE: 9/2/08

MILLER
 ENGINEERS
 SCIENTISTS

GRAIN SIZE ANALYSIS
 ASTM D422

SOURCE:
 SAMPLED BY: NLS
 TESTED BY: RSE
 REVIEWED BY: PGP

GRAFSIEV GINT.GPJ MLR.ENG.GDT.9/2/08 16:09

GRADATION ANALYSIS

CLIENT: Northern Lake Service, Inc.
PROJECT: NLS Project #121189

JOB NO.: 08-1-17951

LAB ID: SH2809
SPECIFICATION:
SAMPLED BY: NLS
SPECIMEN IDENTIFICATION: 488660

TEST DATE: 9/2/08
TESTED BY: RSE
REVIEWED BY: ARD
SOURCE:

TOTAL WEIGHT OF SAMPLE (g): 103.71

SIEVE TEST ANALYSIS (ASTM D422)

SIEVE SIZE	%FINER	REQUIRED SPECS	
		MIN	MAX
#200	5.9		
#100	8.8		
#60	12.4		
#40	22.9		
#20	58.4		
#10	95.7		
#4	100.0		

GRADATION ANALYSIS

CLIENT: Northern Lake Service, Inc.
PROJECT: NLS Project #121189

JOB NO.: 08-1-17951

LAB ID: SH2810
SPECIFICATION:
SAMPLED BY: NLS
SPECIMEN IDENTIFICATION: 488661

TEST DATE: 9/2/08
TESTED BY: RSE
REVIEWED BY: PGP
SOURCE:

TOTAL WEIGHT OF SAMPLE (g): 43.51

SIEVE TEST ANALYSIS (ASTM D422)

SIEVE SIZE	%FINER	REQUIRED SPECS	
		MIN	MAX
#200	34.7		
#100	73.3		
#60	92.4		
#40	97.9		
#20	99.8		
#10	100.0		

GRADATION ANALYSIS

CLIENT: Northern Lake Service, Inc.
PROJECT: NLS Project #121189

JOB NO.: 08-1-17951

LAB ID: SH2811
SPECIFICATION:
SAMPLED BY: NLS
SPECIMEN IDENTIFICATION: 488662

TEST DATE: 9/2/08
TESTED BY: RSE
REVIEWED BY: PGP
SOURCE:

TOTAL WEIGHT OF SAMPLE (g): 51.96

SIEVE TEST ANALYSIS (ASTM D422)

SIEVE SIZE	%FINER	REQUIRED SPECS	
		MIN	MAX
#200	40.7		
#100	61.1		
#60	78.6		
#40	92.3		
#20	99.2		
#10	100.0		

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD **NORTHERN LAKE SERVICE, INC.**

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060



NO. 108742

CLIENT: Flembeau Mining Co.
 ADDRESS: 14100 Hwy 27 STATE: WI ZIP: 54848
 PROJECT DESCRIPTION / NO.: Strip Soil QUOTATION NO.:
 DNR FID # _____ DNR LICENSE # _____
 CONTACT: Tom Murphy PHONE: 715-532-6600
 PURCHASE ORDER NO. _____ FAX: 715-532-6685

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

MATRIX:
 SW = surface water
 WW = waste water
 GW = groundwater
 DW = drinking water
 TIS = tissue
 AIR = air
 SOIL = soil
 SED = sediment
 PROD = product
 SL = sludge
 OTHER _____

ANALYZE PER ORDER OF ANALYSIS		COLLECTION		MATRIX		COLLECTION REMARKS	
ITEM NO.	SAMPLE ID	DATE	TIME	(See above)	(See above)	(i.e. DNR Well ID #)	
1.	Sed-S-1A	7/2/08	1410	SED			
2.	Sed-S-1B						
3.	Sed-S-1C						
4.	Sed-S-1D						
5.	Sed-S-3A		1445				
6.	Sed-S-3B						
7.	Sed-S-3C						
8.	Sed-S-3D						
9.	Composite Sed-S-1A, 1B, 1C, 1D in lab before completing parameters list.						
10.	Composite Sed-S-3A, 3B, 3C, 3D in lab before completing parameters list.						

REPORT TO: Flembeau Mining Co.
 INVOICE TO: same

COLLECTED BY (signature): _____ DATE/TIME: 7/2/08 1520
 RELINQUISHED BY (signature): _____ DATE/TIME: 7/1/08
 DISPATCHED BY (signature): _____ DATE/TIME: 7/1/08
 RECEIVED AT NLS BY (signature): _____ DATE/TIME: 7/1/08 TEMP: _____
 COOLER # 113175 CONDITION: Good
 PRESERVATIVE: N = nitric acid CH = sodium hydroxide
 NP = no preservative Z = zinc acetate HA = hydrochloric & ascorbic acid
 S = sulfuric acid M = methanol H = hydrochloric acid
 WDNF FACILITY NUMBER: 1000-MW-DNR-DELTA-WI-01
 E-MAIL ADDRESS: _____

- IMPORTANT!**
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
 2. PLEASE USE ONE LINE PER SAMPLE. NOT PER BOTTLE.
 3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
 4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO, AND LISTED AS INVOICE TO, AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY