0089

From: melissa <cwmining@etv.net>
To: Jim Smith <jimdsmith@utah.gov>
CC: Pete Hess <petehess@utah.gov>
Date: 10/09/2007 8:40 AM
Subject: Re: MH-2
Attachments: MH-2.pdf

Attached is a scanned pdf of the lab sheet faxed to me by CT&E. if there is anything else you need please let me know.

Insping
C/015/0025

SGS

October 5, 2007

C.W. MINING
P.O. Box 300
Huntington UT 84528
Bryan Owen

Sample identification by
C.W. Mining

ID:MH-2
RECEIVED 0800
SAMPLED 1410
FIELD MEASUREMENTS
COND 370 TEMP 25.2
pH 8.2 D.O. 5.5
FLOW 1
AMENDED REPORT Ca, Mg, K, Na, DISS. ADDED, BALANCE RECALCULATED 10/05/07
DIS.METALS
FILTERED @ LAB
Page 1 of 2

Kind of sample reported to us Water

Sample taken at C.W.Mining

Sample taken by MS

Date sampled June 26, 2007

Date received June 28, 2007

Analysis report no. 59-30144

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	193	5	mg/l as $CaCO_3$	SM 2320 B	07-03-2007 1600 GF
Alkalinity, Carbonate	<5	5	mg/l as $CaCO_3$	SM 2320 B	07-03-2007 1600 GF
Alkalinity, Total	193	5	mg/l as $CaCO_3$	SM 2320 B	07-03-2007 1600 GF
Aluminum, Total	0.44	0.030	mg/l	EPA 200.7	07-10-2007 1352 DI
Anions	4.3	----	meq/l	---------	10-05-2007 1350 SJ
Arsenic, Total	<0.010	0.010	mg/l	EPA 200.7	07-17-2007 1501 DI
Boron, Total	0.02	0.010	mg/l	EPA 200.7	07-10-2007 1352 DI
Cadmium, Total	<0.001	0.001	mg/l	EPA 200.7	07-10-2007 1352 DI
Calcium, Total	56.30	0.03	mg/l	EPA 200.7	07-17-2007 1501 DI
Calcium, Dissolved	53.70	0.03	mg/l	EPA 200.7	07-10-2007 1232 DI
Cations	4.3	----	meq/l	---------	10-05-2007 1450 SJ
Chloride	3	1	mg/l	EPA 300.0	06-28-2007 1156 DI
Conductivity	379	----	umhos/cm	SM2510-B	06-29-2007 0850 GF
Copper, Total	<0.01	0.010	mg/l	EPA 200.7	07-10-2007 1352 DI
Hardness, Total	207	----	mg/l as $CaCO_3$	SM2340-B	10-05-2007 1450 SJ
Iron, Total	0.27	0.050	mg/l	EPA 200.7	07-08-2007 1507 DI
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	07-10-2007 1232 DI
Lead, Total	<0.01	0.010	mg/l	EPA 200.7	07-10-2007 1352 DI
Magnesium, Total	20.10	0.01	mg/l	EPA 200.7	07-17-2007 1501 DI
Magnesium, Dissolved	17.80	0.01	mg/l	EPA 200.4	07-10-2007 1232 DI
Manganese, Total	0.026	0.002	mg/l	EPA 200.7	07-08-2007 1507 DI
Manganese, Dissolved	<0.002	0.002	mg/l	EPA 200.7	07-10-2007 1232 DI
Molybdenum, Total	<0.005	0.005	mg/l	EPA 200.7	07 10-2007 1352 DI
Nitrogen, Ammonia	<0.1	0.1	mg/l as N	EPA 350.3	06-29-2007 1000 BM

Respectfully submitted,
SGS NORTH AMERICA INC.
Huntington Laboratory

SGS

October 5, 2007

C.W. MINING
P.O. Box 300
Huntington UT 84528
Bryan Owen

Sample identification by
C.W. Mining

ID:MH-2
RECEIVED 0800
SAMPLED 1410
FIELD MEASUREMENTS
COND 370 TEMP 25.2
pH 8.2 D.O. 5.5
FLOW 1
AMENDED REPORT Ca, Mg, K, Na, DISS. ADDED, BALANCE RECALCULATED 10/05/07
DIS.METALS
FILTERED @ LAB
Page 2 of 2

Kind of sample reported to us Water

Sample taken at C.W.Mining

Sample taken by MS

Date sampled June 26, 2007

Date received June 28, 2007

Analysis report no. 59-30144

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Nitrogen, Nitrate	0.13	0.05	mg/l as N	EPA 300.0	06-28-2007 1156 DI
Nitrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	06-28-2007 1156 DI
Oil & Grease	<2	2	mg/l	EPA 413.1	07-10-2007 1000 BM
Phosphorous, Ortho-PO_4	<0.05	0.05	mg/l as P	EPA 300.0	06-28-2007 1156 DI
Phosphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	07-13-2007 0800 DI
Potassium, Total	0.89	0.14	mg/l	EPA 200.7	07-17-2007 1501 DI
Potassium, Dissolved	0.45	0.14	mg/l	EPA 200.7	07-10-2007 1232 DI
Selenium, Total	<0.02	0.020	mg/l	EPA 200.7	07-17-2007 1501 DI
Sodium, Total	3.02	0.09	mg/l	EPA 200.7	07-17-2007 1501 DI
Sodium, Dissolved	2.77	0.09	mg/l	EPA 200.7	07-10-2007 z004 DI
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	06-28-2007 0840 CB
Solids, Total Dissolved	235	30	mg/l	EPA 160.1	06-28-2007 1130 BM
Solids, Total Suspended	10	5	mg/l	EPA 160.2	06-28-2007 1130 BM
Sulfate	5	1	mg/l	EPA 300.0	06-28-2007 1156 DI
Zinc, Total	0.004	0.004	mg/l	EPA 200.7	07-10-2007 1352 DI
Cation/Anion Balance	2.7	----	%		10-05-2007 1450 SJ

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

From: melissa <cwmining@etv.net>
To: Jim Smith <jimdsmith@utah.gov>
Date: 10/10/2007 5:41 PM
Subject: Re: MH-2
Attachments: SBC-20&SCC-2.pdf

Jim,
Attached is the pdf version of SBC-20 and SCC-2. Also concerning your other email i will be doing an amendment within the next week to fix thoughts discrepancies.
Melissa

Jim Smith wrote:
> Melissa,
>
> I've moved the data for 16-8-18-5 over to SCC-2, and 16-8-18-4 over to SBC-20. However, for reasons In don't understand, several parameters dropped out. Please scan the lab sheets for those two sites and send them to me. Thanks.
>
> JIM
>
> PS. For next quarter, make sure the lab has the current ID for these two sites.
>
>
>>>> melissa <cwmining@etv.net> 10/09/2007 9:39 AM >>>
>>>>
> Attached is a scanned pdf of the lab sheet faxed to me by CT&E. if there
> is anything else you need please let me know.
>
>
>
>

SGS

June 7, 2007

C.W. MINING
P.O. Box 300
Huntington UT 84528
Bryan Owen

Sample identification by
C.W. Mining

ID:SBC-20
RECEIVED 0820
SAMPLED 1609
FIELD MEASUREMENTS
COND 514 TEMP 7.5
pH 8.3 FLOW 5
HNO3 PRESERVED @ LAB
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us Water

Sample taken at C.W.Mining

Sample taken by MR

Date sampled May 28, 2007

Date received May 30, 2007

Analysis report no. 59-29992

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
Alkalinity, Bicarbonate	297	5	mg/l as $CaCO_3$	SM 2320 B	05-31-2007 1315	GF
Alkalinity, Carbonate	<5	5	mg/l as $CaCO_3$	SM 2320 B	05-31-2007 1315	GF
Alkalinity, Total	297	5	mg/l as $CaCO_3$	SM 2320 B	05-31-2007 1315	GF
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	06-05-2007 1058	BM
Anions	6.1	----	meq/l	---------	06-07-2007 1230	SJ
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	06-05-2007 1058	BM
Boron, Dissolved	0.01	0.010	mg/l	EPA 200.7	06-05-2007 1058	BM
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	06-05-2007 1058	BM
Calcium, Dissolved	87.50	0.03	mg/l	EPA 200.7	06-05-2007 1058	BM
Cations	6.5	----	meq/l	---------	06-07-2007 1230	SJ
Chloride	2	1	mg/l	EPA 300.0	05-30-2007 1305	DI
Conductivity	606	----	umhos/cm	SM2510-B	05-30-2007 0830	BM
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	06-05-2007 1058	BM
Hardness, Total	319	----	mg/l as $CaCO_3$	SM2340-B	06-06-2007 1240	SJ
Iron, Total	0.34	0.050	mg/l	EPA 200.7	05-31-2007 1322	BM
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	06-05-2007 1058	BM
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	06-05-2007 1058	BM
Magnesium, Dissolved	24.50	0.01	mg/l	EPA 200.7	06-05-2007 1058	BM
Manganese, Total	0.016	0.002	mg/l	EPA 200.7	05-31-2007 1322	BM
Manganese, Dissolved	<0.002	0.002	mg/l	EPA 200.7	06-05-2007 1058	BM
Molybdenum, Dissolved	<0.005	0.005	mg/l	EPA 200.7	06-05-2007 1058	BM
Nitrogen, Ammonia	<0.1	0.1	mg/l as N	EPA 350.3	06-06-2007 1200	BM
Nitrogen, Nitrate	0.18	0.05	mg/l as N	EPA 300.0	05-30-2007 1305	DI
Nitrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	05-30-2007 1305	DI

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

June 7, 2007

C.W. MINING
P.O. Box 300
Huntington UT 84528
Bryan Owen

Sample identification by
C.W. Mining

ID:SBC-20
RECEIVED 0820
SAMPLED 1609
FIELD MEASUREMENTS
COND 514 TEMP 7.5
pH 8.3 FLOW 5
HNO3 PRESERVED @ LAB
DIS.METALS
FILTERED @ LAB
Page 2 of 2

Kind of sample reported to us Water

Sample taken at C.W.Mining

Sample taken by MR

Date sampled May 28, 2007

Date received May 30, 2007

Analysis report no. 59-29992

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
Potassium, Dissolved	0.84	0.14	mg/l	EPA 200.7	06-05-2007 1058	BM
Selenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	06-05-2007 1058	BM
Sodium, Dissolved	2.49	0.09	mg/l	EPA 200.7	06-05-2007 1058	BM
Solids, Total Dissolved	346	30	mg/l	EPA 160.1	05-30-2007 1130	BM
Sulfate	7	1	mg/l	EPA 300.0	05-30-2007 1305	DI
Zinc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	06-05-2007 1058	BM
Cation/Anion Balance	2.9	----	%		06-06-2007 1240	SJ

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

June 7, 2007

C.W. MINING
P.O. Box 300
Huntington UT 84528
Bryan Owen

Sample identification by
C.W. Mining

ID:SCC-2
RECEIVED 0820
SAMPLED 1142
FIELD MEASUREMENTS
COND 460 TEMP 9.3
pH 8.6 FLOW 40
HNO3 PRESERVED @ LAB
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us Water

Sample taken at C.W.Mining

Sample taken by MR

Date sampled May 28, 2007

Date received May 30, 2007

Analysis report no. 59-29987

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	252	5	mg/l as $CaCO_3$	SM 2320 B	05-31-2007 1315 GF
Alkalinity, Carbonate	<5	5	mg/l as $CaCO_3$	SM 2320 B	05-31-2007 1315 GF
Alkalinity, Total	252	5	mg/l as $CaCO_3$	SM 2320 B	05-31-2007 1315 GF
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	06-05-2007 1058 BM
Anions	5.4	----	meq/l	---------	06-07-2007 1230 SJ
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	06-05-2007 1058 BM
Boron, Dissolved	0.01	0.010	mg/l	EPA 200.7	06-05-2007 1058 BM
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	06-05-2007 1058 BM
Calcium, Dissolved	70.50	0.03	mg/l	EPA 200.7	06-05-2007 1058 BM
Cations	5.6	----	meq/l	---------	06-07-2007 1230 SJ
Chloride	2	1	mg/l	EPA 300.0	05-30-2007 1133 DI
Conductivity	527	----	umhos/cm	SM2510-B	05-30-2007 0830 BM
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	06-05-2007 1058 BM
Hardness, Total	275	----	mg/l as $CaCO_3$	SM2340-B	06-07-2007 1230 SJ
Iron, Total	<0.05	0.050	mg/l	EPA 200.7	05-31-2007 1322 BM
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	06-05-2007 1058 BM
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	06-05-2007 1058 BM
Magnesium, Dissolved	24.10	0.01	mg/l	EPA 200.7	06-05-2007 1058 BM
Manganese, Total	<0.002	0.002	mg/l	EPA 200.7	05-31-2007 1322 BM
Manganese, Dissolved	<0.002	0.002	mg/l	EPA 200.7	06-05-2007 1058 BM
Molybdenum, Dissolved	<0.005	0.005	mg/l	EPA 200.7	06-05-2007 1058 BM
Nitrogen, Ammonia	<0.1	0.1	mg/l as N	EPA 350.3	06-06-2007 1200 BM
Nitrogen, Nitrate	0.06	0.05	mg/l as N	EPA 300.0	05-30-2007 1133 DI
Nitrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	05-30-2007 1133 DI

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

June 7, 2007

C.W. MINING
P.O. Box 300
Huntington UT 84528
Bryan Owen

Sample identification by
C.W. Mining

ID:SCC-2
RECEIVED 0820
SAMPLED 1142
FIELD MEASUREMENTS
COND 460 TEMP 9.3
pH 8.6 FLOW 40
HNO3 PRESERVED @ LAB
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us Water

Sample taken at C.W.Mining

Sample taken by MR

Date sampled May 28, 2007

Date received May 30, 2007

Analysis report no. 59-29987

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Potassium, Dissolved	0.40	0.14	mg/l	EPA 200.7	06-05-2007 1058 BM
Selenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	06-05-2007 1058 BM
Sodium, Dissolved	2.86	0.09	mg/l	EPA 200.7	06-05-2007 1058 BM
Solids, Total Dissolved	272	30	mg/l	EPA 160.1	05-30-2007 1130 BM
Sulfate	15	1	mg/l	EPA 300.0	05-30-2007 1133 DI
Zinc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	06-05-2007 1058 BM
Cation/Anion Balance	2.1	----	%		06-06-2007 1240 SJ

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory