

2-38821
DUPLICATE

Report On
Sampling Program
Diamond Drill Core
Duck Pond Area Cunningham Township
By
R.A. MacGregor, P. Eng.
June 25, 2008

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Introduction

During 2007 drill core from previously drilled diamond drill holes near Peter Lake in Cunningham Township were re-sampled. The cores sampled were from holes drilled in 1991. The drill holes were extensively sampled for major base metals and gold at the time of the original drilling. Re-analysis for minor base metals and rare earth elements was carried out to provide further information on rock geochemistry and potential for economic elements.

Method

Drill logs from previous logging of the core were reviewed. Using the prepared list, and modifying the list after a visual inspection of the core, split core was placed in plastic bags, tagged and sent to a commercial lab for preparation and analysis by ICP-ES or ICP-MS. A brief description was made for each sample taken.

Pulps and rejects were retrieved from the lab and have been stored. Pulps are stored in 40 dram plastic vials, which in turn are stored in wooden boxes constructed to hold 91 vials each. Rejects were screened on a 6 mesh stainless steel screen. The +6 mesh portion was washed to remove fines and dust, dried and stored in 14 dram plastic vials. The vials in turn are stored in wooden boxes constructed to hold 153 vials each.

Storage of pulps will allow further analysis, either to check previous analysis, or to analyse for other elements. Storage of +6 mesh rejects will allow mineralogical study should the drill cores become lost or destroyed.

Results

Sample descriptions are listed in Appendix I. No significant metal values other than those previously reported were found. The logs and core will be further checked for sections containing sulphides which have not been previously assayed.

Respectfully submitted,



R.A. MacGregor, P. Eng.

June 25, 2008

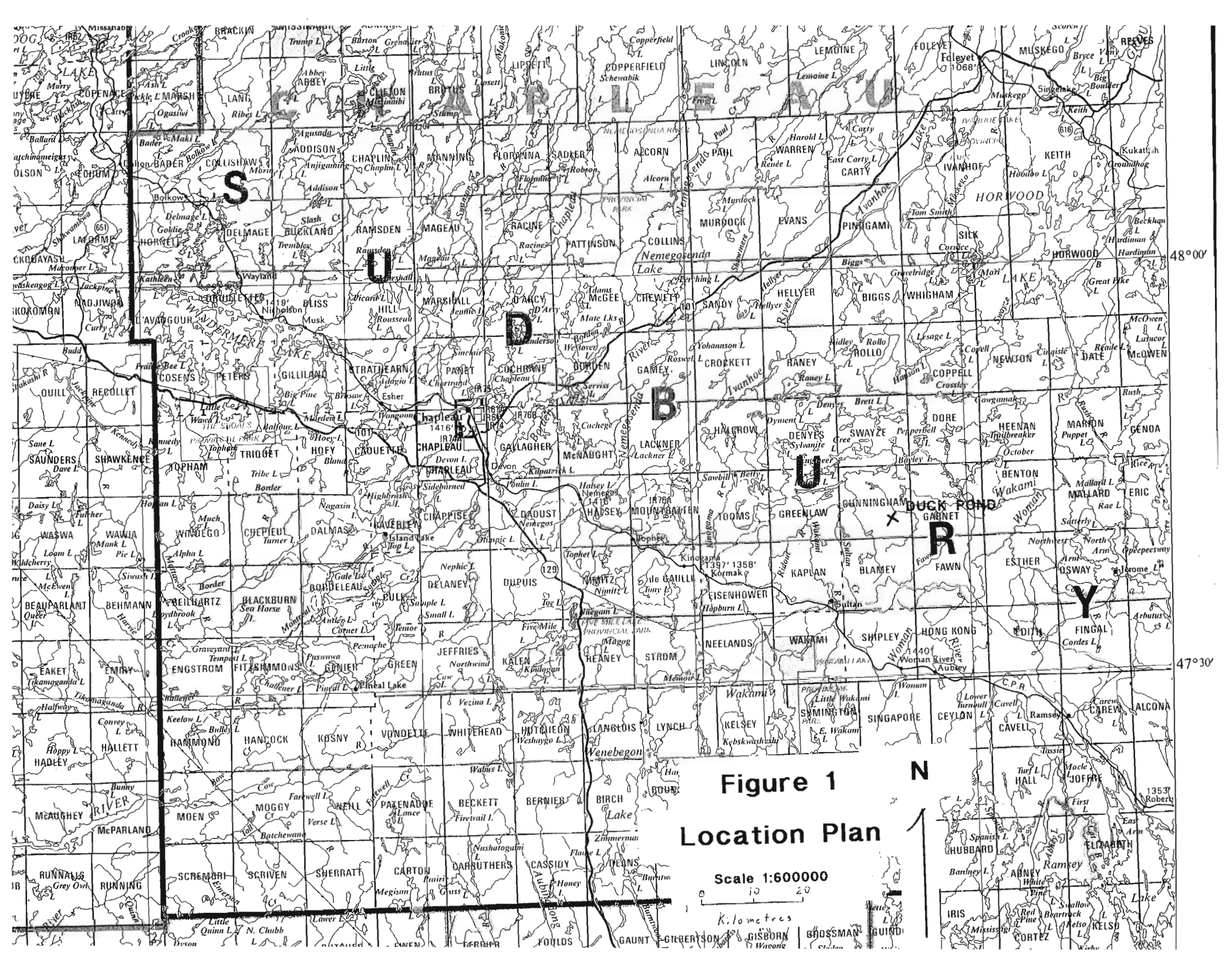
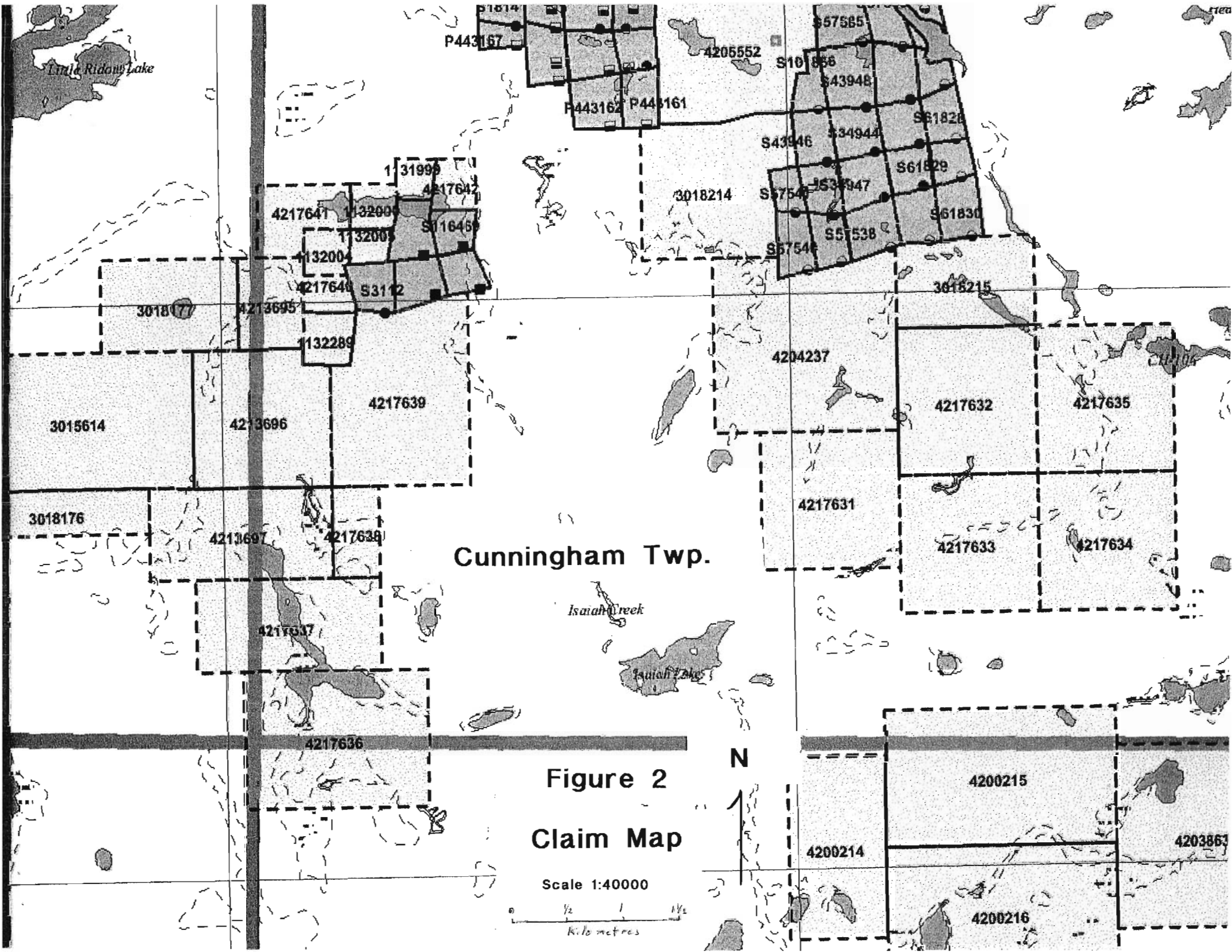


Figure 1
Location Plan
 Scale 1:600000
 20
 Kilometres



Cunningham Twp.

Figure 2
Claim Map

Scale 1:40000
 0 1/2 1 1 1/2
 Kilometres

Appendix I

Sample Descriptions

Sample Descriptions

	Sample No. IAD685	
Location	Drill Hole Cu 31-7	P4217635
	86.4 – 87.9 metres	
	Chert grey green interbedded with magnetite bands, banding @ 75* CA fine grained 3% sulphides	
	Sample No. IAD686	
Location	Drill Hole Cu 31-7	P4217635
	87.9 – 89.4 metres	
	Chert, grey-green interbedded with magnetite bands, banding @ 75* CA fine grained 2% sulphides	
	Sample No. IAD687	
Location	Drill Hole Cu 31-5	P4217635
	165 – 166.5 metres	
	Chert interbedded grey-green chloritic chert and magnetite, contorted bedding 5% stringers and disseminations of pyrrhotite	
	Sample No. IAD688	
Location	Drill Hole Cu 31-7	P4217635
	81.9 – 83.4 metres	
	Chert, grey-green interbedded with magnetite bands, banding @ 75* CA fine grained, 5% sulphide pyrite and pyrrhotite	

	Sample No. IAD689	
Location	Drill Hole Cu 31-7 84.9 – 86.4 metres Chert, grey-green interbedded with magnetite bands, fine grained banding @ 75* CA 3% sulphides as pyrrhotite stringers	P421635
	Sample No. IAD690	
Location	Drill Hole Cu 31-7 83.4 – 84.9 metres Chert grey-green interbedded with magnetite bands, fine grained banding @ 75* CA 5% sulphides as pyrrhotite stringers	P4217635
	Sample No. IAR2013	
Location	Drill Hole Cu 31-5 163.5 – 165 metres Chert , grey-green , fine grained interbedded with chloritic chert and magnetite, contorted bedding 5% stringers and disseminations of pyrrhotite	P4217635
	Sample No. IMA506	
Location	Drill Hole Cu 31-5 <i>162-163.5 metres</i> Chert, grey-green fine grained to aphanitic interbedded chloritic chert and magnetite trace to 1% pyrrhotite	P4217635

	Sample No. IMA507	
Location	Drill Hole Cu 31-7	P4217635
	81.1 – 81.9 metres	
	Laminated tuff, argillite and pyrite with minor magnetite, grey , fine grained laminations @ 70* CA 15% sulphide mostly pyrite, trace chalcopyrite and sphalerite	
	Sample No. EPG 30	
Location	Drill Hole Cu 31-5	P4217635
	165 – 166.5 metres	
	Chert interbedded grey-green fine grained to aphanitic with magnetite bands contorted bedding 5% stringers and disseminations of pyrrhotite	
	Sample No. IAX375	
Location	Drill Hole Cu 31-5	P4217635
	156.9 – 158.4 metres	
	Brecciated chert, grey fine grained to aphanitic chert clasts cut by pyrrhotite stringers, trace pyrite	

Appendix II

Assay Results



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Submitted By: R.A. MacGregor
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: October 05, 2007
 Report Date: November 10, 2007
 Page: 1 of 5

CERTIFICATE OF ANALYSIS **VAN07001493.1**

CLIENT JOB INFORMATION

Project: None Given
 Shipment ID:
 P.O. Number
 Number of Samples: 111

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
No Prep	111	Sorting of samples on arrival and labeling		
1DX	111	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed

SAMPLE DISPOSAL

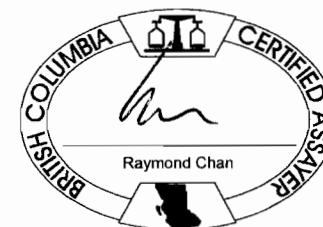
DISP-PLP Dispose of Pulp After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: MacGregor, R.A.
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 Canada

CC:



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Project: None Given
 Report Date: November 10, 2007

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT **VAN07001493.1**

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1AD 650	Rock Pulp	0.2	10.5	0.4	83	<0.1	145.8	50.4	948	7.48	0.6	0.5	<0.5	1.6	12	<0.1	<0.1	<0.1	266	0.31	0.122
REP 1AD 650	QC	0.1	9.8	0.4	83	<0.1	147.6	51.2	949	7.56	0.6	0.4	<0.5	1.7	12	<0.1	<0.1	<0.1	270	0.32	0.123
1AD 786	Rock Pulp	5.7	7.0	1.2	2	<0.1	1.6	2.2	250	0.34	1.0	1.0	11.7	4.9	35	<0.1	<0.1	<0.1	<2	2.21	0.025
REP 1AD 786	QC	5.4	8.2	1.1	2	<0.1	1.4	2.1	254	0.35	0.7	0.9	5.8	4.6	31	<0.1	<0.1	<0.1	<2	2.19	0.022
1AD 808	Rock Pulp	6.4	13.4	1.9	4	<0.1	2.2	1.1	109	0.35	0.9	1.6	1.5	5.2	6	<0.1	<0.1	<0.1	<2	0.58	0.005
REP 1AD 808	QC	6.2	14.8	2.0	4	<0.1	2.1	1.3	125	0.37	0.8	1.5	2.1	5.2	6	<0.1	<0.1	<0.1	<2	0.58	0.005
Reference Materials																					
STD DS7	Standard	21.5	116.5	67.7	395	1.3	52.7	8.9	621	2.33	50.7	5.2	52.3	4.5	78	6.6	4.9	4.6	77	0.98	0.079
STD DS7	Standard	20.7	106.8	69.9	391	0.9	55.4	9.6	606	2.41	53.8	6.0	61.3	4.8	76	6.5	4.6	4.6	80	0.94	0.079
STD DS7	Standard	18.9	94.8	65.3	367	0.7	48.7	8.6	576	2.22	47.8	5.0	73.7	4.3	70	6.0	4.6	4.3	74	0.88	0.068
STD DS7	Standard	18.1	96.8	65.4	369	0.7	49.8	8.2	571	2.24	48.2	5.2	49.9	4.1	69	6.1	4.1	4.3	80	0.88	0.073
STD DS7	Standard	21.4	108.4	70.4	402	0.9	53.2	8.7	636	2.37	48.8	4.7	55.2	4.7	76	6.4	4.3	4.7	80	0.97	0.076
STD DS7	Standard	20.2	107.7	75.1	419	0.8	59.9	10.0	661	2.52	52.9	5.2	59.2	4.6	71	7.1	4.2	4.8	81	0.98	0.074
STD DS7	Standard	21.5	107.9	68.0	410	1.0	58.0	9.6	597	2.47	47.7	5.5	54.4	4.6	77	6.3	4.2	4.7	81	0.95	0.079
STD DS7	Standard	20.3	112.9	63.9	401	1.0	56.6	9.4	600	2.43	46.9	4.6	73.2	4.2	71	5.9	4.1	4.4	79	0.94	0.079
STD DS7 Expected		20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: None Given
Report Date: November 10, 2007

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN07001493.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
Pulp Duplicates																	
1AD 650	Rock Pulp	4	263	5.99	1	0.036	<20	4.77	0.022	<0.01	<0.1	<0.01	12.2	<0.1	0.27	16	<0.5
REP 1AD 650	QC	4	263	5.78	2	0.036	<20	4.69	0.022	<0.01	<0.1	<0.01	12.4	<0.1	0.27	17	<0.5
1AD 786	Rock Pulp	22	33	0.04	167	<0.001	<20	0.23	0.025	0.18	<0.1	<0.01	0.8	<0.1	0.11	<1	0.6
REP 1AD 786	QC	21	33	0.04	164	<0.001	<20	0.22	0.025	0.16	<0.1	<0.01	0.7	<0.1	0.13	<1	1.1
1AD 808	Rock Pulp	12	59	0.07	33	<0.001	<20	0.25	0.038	0.13	<0.1	<0.01	0.2	<0.1	<0.05	1	<0.5
REP 1AD 808	QC	12	56	0.07	34	<0.001	<20	0.24	0.036	0.14	<0.1	<0.01	0.2	<0.1	0.05	<1	<0.5
Reference Materials																	
STD DS7	Standard	13	186	1.04	400	0.126	33	1.02	0.086	0.52	3.4	0.21	2.8	4.1	0.21	5	3.9
STD DS7	Standard	13	177	1.05	403	0.123	35	1.02	0.089	0.47	3.6	0.21	2.8	4.0	0.22	5	3.7
STD DS7	Standard	12	164	0.99	352	0.114	44	0.95	0.080	0.41	3.3	0.18	2.4	4.1	0.18	4	3.2
STD DS7	Standard	11	164	1.00	368	0.110	41	0.94	0.077	0.42	3.2	0.16	2.4	4.1	0.18	4	3.3
STD DS7	Standard	13	178	1.06	398	0.120	40	1.01	0.086	0.45	3.6	0.21	2.7	4.3	0.20	4	5.3
STD DS7	Standard	13	183	1.09	401	0.126	42	1.03	0.090	0.47	3.4	0.21	2.7	4.5	0.20	5	4.3
STD DS7	Standard	14	209	1.07	395	0.131	51	1.04	0.099	0.49	3.4	0.21	2.7	4.1	0.21	4	3.1
STD DS7	Standard	12	209	1.05	356	0.124	42	1.03	0.094	0.45	3.2	0.19	2.6	3.8	0.21	5	3.2
STD DS7 Expected		12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



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Project: None Given
Report Date: November 10, 2007

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

VAN07001493.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1AD 645	Rock Pulp	0.2	52.5	0.4	125	<0.1	175.5	48.4	2402	10.23	3.3	<0.1	2.6	<0.1	1	<0.1	<0.1	<0.1	217	0.08	0.023
1AD 646	Rock Pulp	<0.1	107.3	0.2	40	<0.1	346.8	28.8	527	3.26	<0.5	<0.1	2.9	0.2	15	<0.1	<0.1	<0.1	59	0.27	0.050
1AD 647	Rock Pulp	0.3	799.4	3.2	134	<0.1	103.7	75.3	3732	16.63	27.7	<0.1	26.0	0.2	2	<0.1	<0.1	2.0	298	0.34	0.032
1AD 648	Rock Pulp	3.2	1.5	0.2	92	<0.1	108.7	59.4	1078	8.75	<0.5	<0.1	<0.5	0.2	7	<0.1	<0.1	<0.1	242	0.12	0.031
1AD 649	Rock Pulp	4.0	2.2	0.3	61	<0.1	157.3	50.9	725	6.56	0.5	0.2	0.7	1.5	24	<0.1	<0.1	<0.1	233	0.32	0.120
1AD 650	Rock Pulp	0.2	10.5	0.4	83	<0.1	145.8	50.4	948	7.48	0.6	0.5	<0.5	1.6	12	<0.1	<0.1	<0.1	266	0.31	0.122
1AD 651	Rock Pulp	0.1	133.7	0.5	22	<0.1	617.9	39.7	2018	3.98	<0.5	<0.1	0.9	<0.1	84	<0.1	<0.1	<0.1	79	9.46	0.007
1AD 652	Rock Pulp	0.1	34.0	0.7	17	<0.1	419.2	38.5	1286	4.60	<0.5	<0.1	<0.5	<0.1	89	<0.1	<0.1	<0.1	94	4.59	0.009
1AD 667	Rock Pulp	0.4	26.3	1.0	42	<0.1	662.5	51.1	547	4.19	<0.5	<0.1	<0.5	0.1	11	<0.1	<0.1	<0.1	24	0.39	0.013
1AD 668	Rock Pulp	0.3	41.1	1.7	32	<0.1	375.5	34.3	336	3.15	<0.5	<0.1	<0.5	0.3	15	<0.1	<0.1	<0.1	39	0.75	0.030
1AD 669	Rock Pulp	0.4	32.5	1.1	37	<0.1	524.8	44.3	453	3.47	<0.5	<0.1	<0.5	0.2	10	<0.1	<0.1	<0.1	32	0.56	0.026
1AD 670	Rock Pulp	0.3	28.4	1.2	42	<0.1	763.2	59.5	504	4.51	<0.5	<0.1	<0.5	0.1	8	<0.1	<0.1	<0.1	25	0.41	0.016
1AD 671	Rock Pulp	0.3	432.3	0.5	46	0.2	1068	74.1	549	5.35	<0.5	<0.1	3.3	<0.1	6	<0.1	<0.1	<0.1	24	0.45	0.012
1AD 672	Rock Pulp	0.2	127.5	0.3	37	<0.1	509.4	48.6	437	3.42	<0.5	<0.1	<0.5	0.1	6	<0.1	<0.1	<0.1	32	0.36	0.020
1AD 673	Rock Pulp	0.4	39.9	1.0	38	<0.1	574.9	45.0	470	3.98	<0.5	<0.1	<0.5	0.2	10	<0.1	<0.1	<0.1	27	0.46	0.016
1AD 674	Rock Pulp	0.4	32.1	1.0	43	<0.1	631.5	51.1	519	4.06	<0.5	<0.1	7.6	0.1	10	<0.1	<0.1	<0.1	26	0.53	0.015
1AD 675	Rock Pulp	0.3	64.2	0.5	39	<0.1	461.7	40.2	417	3.40	0.7	<0.1	0.7	0.2	13	<0.1	<0.1	<0.1	37	0.62	0.017
1AD 676	Rock Pulp	0.4	1136	2.2	62	0.5	1616	118.4	479	5.96	<0.5	<0.1	5.3	0.2	7	0.1	<0.1	<0.1	22	0.30	0.023
1AD 677	Rock Pulp	0.4	213.2	0.9	42	<0.1	934.7	69.8	499	4.90	<0.5	<0.1	0.7	0.2	10	<0.1	<0.1	<0.1	26	0.51	0.019
1AD 678	Rock Pulp	0.3	455.2	1.0	48	0.2	1332	81.4	570	5.65	<0.5	<0.1	1.4	0.1	8	<0.1	<0.1	<0.1	25	0.40	0.014
1AD 679	Rock Pulp	0.3	1469	1.5	44	0.6	1956	112.1	516	6.33	<0.5	<0.1	14.9	0.1	6	<0.1	<0.1	<0.1	25	0.43	0.012
1AD 680	Rock Pulp	0.3	225.4	0.8	37	<0.1	1069	71.8	434	4.94	<0.5	<0.1	4.8	0.1	7	<0.1	<0.1	<0.1	23	0.38	0.012
1AD 681	Rock Pulp	0.8	27.7	0.7	42	<0.1	1453	87.2	718	6.84	<0.5	<0.1	<0.5	0.1	7	<0.1	<0.1	<0.1	21	0.33	0.014
1AD 683	Rock Pulp	2.0	3623	1.6	87	0.4	139.8	31.2	294	7.37	3.1	0.1	3.4	0.5	15	<0.1	0.1	0.5	202	0.19	0.066
1AD 685	Rock Pulp	3.7	103.1	11.2	257	0.1	10.9	7.5	698	20.80	16.0	<0.1	4.2	0.1	29	0.7	1.6	<0.1	6	5.03	0.038
1AD 686	Rock Pulp	3.2	85.4	21.4	1436	0.1	8.8	6.2	1426	17.02	6.2	<0.1	14.2	<0.1	21	4.3	0.8	<0.1	5	3.44	0.035
1AD 687	Rock Pulp	2.3	207.5	4.4	128	0.3	15.1	8.9	1932	19.18	186.8	<0.1	740.7	<0.1	21	0.2	1.5	0.1	4	3.58	0.041
1AD 688	Rock Pulp	1.2	264.3	9.8	293	0.2	16.0	21.6	1298	14.97	5.7	<0.1	2.9	0.4	17	0.8	0.8	0.2	10	1.39	0.036
1AD 689	Rock Pulp	1.0	87.3	7.8	727	0.1	13.6	17.7	860	14.93	29.5	<0.1	3.2	<0.1	22	2.1	0.6	0.2	9	3.32	0.031
1AD 690	Rock Pulp	1.6	186.9	24.7	1303	0.3	28.3	31.4	765	13.76	54.9	<0.1	2.3	0.3	17	3.5	0.7	0.3	16	1.93	0.032

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Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
Report Date: November 10, 2007

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

VAN07001493.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
1AD 645	Rock Pulp	1	377	4.96	1	0.028	<20	5.66	0.017	<0.01	<0.1	<0.01	20.8	<0.1	<0.05	14	<0.5
1AD 646	Rock Pulp	2	446	3.72	3	0.085	<20	2.33	0.011	0.01	<0.1	<0.01	0.7	<0.1	<0.05	6	<0.5
1AD 647	Rock Pulp	<1	259	6.20	1	0.085	<20	8.05	0.003	<0.01	<0.1	0.02	21.7	<0.1	0.61	19	1.1
1AD 648	Rock Pulp	<1	245	9.25	<1	0.036	<20	6.52	0.005	<0.01	<0.1	<0.01	23.7	<0.1	0.39	17	<0.5
1AD 649	Rock Pulp	5	350	6.46	1	0.006	<20	4.81	0.015	<0.01	<0.1	<0.01	17.6	<0.1	0.22	13	<0.5
1AD 650	Rock Pulp	4	263	5.99	1	0.036	<20	4.77	0.022	<0.01	<0.1	<0.01	12.2	<0.1	0.27	16	<0.5
1AD 651	Rock Pulp	1	1396	5.84	7	0.007	<20	2.65	0.007	<0.01	<0.1	<0.01	15.1	<0.1	<0.05	6	<0.5
1AD 652	Rock Pulp	<1	1258	6.90	30	0.003	<20	2.59	0.003	<0.01	<0.1	<0.01	14.9	<0.1	<0.05	5	<0.5
1AD 667	Rock Pulp	1	110	5.13	7	0.041	<20	3.20	0.028	0.06	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5
1AD 668	Rock Pulp	3	79	3.83	14	0.081	<20	2.51	0.057	0.04	<0.1	<0.01	2.4	<0.1	<0.05	5	<0.5
1AD 669	Rock Pulp	1	80	4.38	7	0.069	<20	2.83	0.029	0.06	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5
1AD 670	Rock Pulp	1	98	4.90	9	0.034	<20	3.10	0.023	0.09	<0.1	<0.01	1.2	<0.1	0.07	5	<0.5
1AD 671	Rock Pulp	1	116	5.71	8	0.032	<20	3.49	0.020	0.08	<0.1	<0.01	1.5	<0.1	0.30	5	<0.5
1AD 672	Rock Pulp	1	90	4.57	4	0.058	<20	2.85	0.031	0.01	<0.1	<0.01	2.0	<0.1	<0.05	5	<0.5
1AD 673	Rock Pulp	1	99	4.90	7	0.050	<20	3.13	0.036	0.05	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5
1AD 674	Rock Pulp	1	98	4.99	6	0.051	<20	3.20	0.032	0.06	<0.1	<0.01	1.7	<0.1	<0.05	5	<0.5
1AD 675	Rock Pulp	1	87	4.28	7	0.081	<20	2.75	0.050	0.02	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5
1AD 676	Rock Pulp	2	85	5.32	10	0.044	<20	3.13	0.030	0.09	<0.1	<0.01	1.6	0.1	1.28	5	2.6
1AD 677	Rock Pulp	2	83	5.25	15	0.038	<20	2.84	0.032	0.13	<0.1	<0.01	3.2	<0.1	0.33	5	<0.5
1AD 678	Rock Pulp	1	98	6.17	9	0.035	<20	3.49	0.025	0.08	<0.1	<0.01	2.4	<0.1	0.28	5	0.6
1AD 679	Rock Pulp	1	92	5.47	9	0.034	<20	3.30	0.023	0.09	<0.1	<0.01	1.5	<0.1	1.23	5	1.9
1AD 680	Rock Pulp	1	87	5.02	11	0.034	<20	3.06	0.027	0.11	<0.1	<0.01	1.7	<0.1	0.48	5	<0.5
1AD 681	Rock Pulp	1	56	10.36	18	0.025	45	1.92	0.027	0.10	<0.1	<0.01	3.3	<0.1	0.05	3	<0.5
1AD 683	Rock Pulp	6	264	5.08	3	0.008	<20	4.55	0.010	<0.01	<0.1	0.01	19.8	<0.1	0.69	16	0.6
1AD 685	Rock Pulp	1	20	1.63	4	0.004	<20	0.29	0.022	0.10	0.7	0.12	0.6	<0.1	1.92	2	1.2
1AD 686	Rock Pulp	1	21	1.51	2	0.003	<20	0.23	0.018	0.12	0.3	0.35	0.5	<0.1	0.96	2	1.2
1AD 687	Rock Pulp	<1	14	2.07	1	0.001	<20	0.18	0.043	0.15	0.4	0.08	0.5	<0.1	2.89	<1	2.3
1AD 688	Rock Pulp	2	80	1.39	5	0.009	<20	0.77	0.006	0.15	0.2	0.12	1.1	0.3	3.02	4	2.8
1AD 689	Rock Pulp	<1	70	1.71	2	0.003	<20	0.38	0.010	0.08	0.2	0.17	1.0	<0.1	1.59	3	2.1
1AD 690	Rock Pulp	2	74	1.42	4	0.007	<20	1.59	0.004	0.08	0.1	0.36	1.9	<0.1	2.85	7	4.6

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Client: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4 Canada

Submitted By: R.A. MacGregor
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: October 05, 2007
 Report Date: October 29, 2007
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN07001494.1

CLIENT JOB INFORMATION

Project: None Given
 Shipment ID:
 P.O. Number
 Number of Samples: 12

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
No Prep	12	Sorting of samples on arrival and labeling		
1D	12	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

SAMPLE DISPOSAL

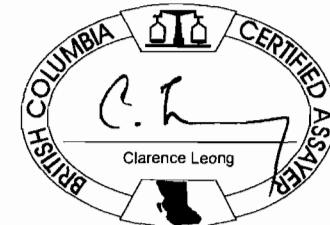
DISP-PLP Dispose of Pulp After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4
 Canada

CC:



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Project: None Given
Report Date: October 29, 2007

Page: 1 of 1 **Part** 1

QUALITY CONTROL REPORT

VAN07001494.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	1	2	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01	0.001	
Reference Materials																					
STD DS7	Standard	20	103	68	413	1.0	54	8	639	2.45	50	<8	<2	4	78	6.0	5	6	79	0.98	0.073
STD DS7	Standard	19	103	64	413	0.9	52	8	617	2.40	46	<8	<2	4	71	5.8	6	7	77	0.93	0.072
STD DS7 Expected		20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	0.07	4.4	68.7	6.38	5.86	4.51	86	0.93	0.08
BLK	Blank	<1	<2	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001



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28 Ford St.
Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
Report Date: October 29, 2007

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN07001494.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
Reference Materials											
STD DS7	Standard	13	198	1.12	400	0.12	34	1.06	0.10	0.47	2
STD DS7	Standard	12	189	1.06	397	0.12	32	1.00	0.09	0.45	3
STD DS7 Expected		12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8
BLK	Blank	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2



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Project: None Given
 Report Date: October 29, 2007

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN07001494.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	1	2	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01	0.001	
1AR 2011	Rock Pulp	1	67	3	98	0.4	19	13	689	2.99	2	<8	<2	<2	36	<0.5	<3	<3	14	2.90	0.059
1AR 2012	Rock Pulp	<1	33	<3	59	<0.3	18	11	1542	3.82	<2	<8	<2	<2	27	<0.5	<3	8	20	1.55	0.059
1AR 2013	Rock Pulp	2	43	7	177	0.4	6	<1	1273	18.00	5	24	<2	2	15	2.6	3	<3	2	2.59	0.049
1AR 2014	Rock Pulp	1	16	6	40	<0.3	604	40	1098	4.07	<2	<8	<2	2	388	1.4	<3	<3	7	6.26	0.075
1AR 2015	Rock Pulp	<1	8	<3	33	<0.3	26	7	240	1.28	<2	<8	<2	<2	138	<0.5	<3	3	8	1.13	0.038
1AR 2016	Rock Pulp	2	4	<3	27	<0.3	32	12	338	1.45	<2	<8	<2	<2	42	<0.5	<3	4	37	2.82	0.071
1AR 2017	Rock Pulp	4	78	<3	49	<0.3	88	18	399	3.07	3	<8	<2	<2	12	<0.5	<3	<3	22	0.75	0.031
1AR 2018	Rock Pulp	3	45	<3	55	<0.3	61	14	426	2.43	<2	<8	<2	<2	43	<0.5	<3	4	15	1.31	0.030
1AR 2019	Rock Pulp	<1	28	7	10	<0.3	23	10	342	1.67	<2	<8	<2	6	147	<0.5	<3	<3	4	2.04	0.102
1AR 2020	Rock Pulp	<1	165	<3	35	0.5	246	36	1140	4.27	<2	<8	<2	2	234	1.2	<3	6	30	5.82	0.148
1AR 2021	Rock Pulp	<1	11	<3	19	<0.3	24	8	316	1.05	<2	<8	<2	<2	113	<0.5	<3	<3	4	2.90	0.035
1AR 2022	Rock Pulp	3	53	<3	66	<0.3	164	25	507	3.60	6	<8	<2	<2	80	<0.5	<3	<3	27	1.75	0.030

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Project: None Given
Report Date: October 29, 2007

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN07001494.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
1AR 2011	Rock Pulp	14	12	1.05	76	0.06	<20	1.62	0.01	0.37	<2
1AR 2012	Rock Pulp	11	21	0.61	26	0.08	<20	1.70	0.05	0.25	<2
1AR 2013	Rock Pulp	4	19	1.54	5	<0.01	<20	0.17	0.04	0.11	<2
1AR 2014	Rock Pulp	13	116	7.29	370	<0.01	<20	0.19	<0.01	0.11	<2
1AR 2015	Rock Pulp	9	71	0.68	70	<0.01	<20	0.69	0.04	0.12	<2
1AR 2016	Rock Pulp	6	91	0.91	10	<0.01	<20	0.84	0.05	0.02	<2
1AR 2017	Rock Pulp	4	130	1.35	33	<0.01	<20	1.52	0.03	0.12	<2
1AR 2018	Rock Pulp	5	122	1.07	33	<0.01	<20	1.01	0.04	0.10	<2
1AR 2019	Rock Pulp	22	75	1.01	341	<0.01	<20	0.29	0.04	0.09	<2
1AR 2020	Rock Pulp	11	359	5.48	197	<0.01	<20	1.58	<0.01	0.15	<2
1AR 2021	Rock Pulp	8	63	0.54	1307	<0.01	<20	0.65	0.03	0.13	<2
1AR 2022	Rock Pulp	4	221	2.33	34	<0.01	<20	1.87	0.02	0.11	<2



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ACME ANALYTICAL LABORATORIES LTD.

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Client: **MacGregor, R.A.**
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4 Canada

Submitted By: R.A. MacGregor
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: October 05, 2007
 Report Date: November 06, 2007
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN07001495.1

CLIENT JOB INFORMATION

Project: None Given
 Shipment ID:
 P.O. Number
 Number of Samples: 10

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
No Prep	10	Sorting of samples on arrival and labeling		
1EX	10	4 Acid digestion ICP-MS analysis	0.25	Completed

SAMPLE DISPOSAL

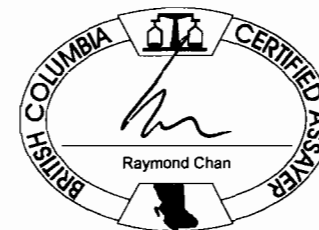
DISP-PLP Dispose of Pulp After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **MacGregor, R.A.**
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4
 Canada

CC:



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Client:

MacGregor, R.A.

28 Ford St.
Sault Ste. Marie ON P6A 4N4 Canada

Project:

None Given

Report Date:

November 06, 2007

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

VAN07001495.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
Reference Materials																					
STD DST6	Standard	11.4	122.0	37.7	155	0.3	30.1	14.2	893	3.80	23	8.3	<0.1	7.1	321	5.3	5.1	4.8	95	2.18	0.083
STD DST6	Standard	11.7	119.8	36.1	155	0.4	30.4	13.7	909	3.78	22	7.9	<0.1	7.3	324	5.6	5.0	4.6	94	2.15	0.088
STD DST6	Standard	12.8	132.3	31.7	169	0.4	30.4	14.4	936	3.89	24	7.3	<0.1	6.8	314	6.3	4.7	4.3	96	2.14	0.097
STD DST6	Standard	12.2	120.9	30.9	162	0.3	30.8	13.4	935	3.87	24	6.9	<0.1	6.5	320	6.2	4.6	4.2	100	2.16	0.092
STD DST6 Expected		12.7	129.7	36.7	176	0.365	30.4	13.7	980	3.91	24.3	7.8	0	6.9	298	5.6	5.39	4.7	115	2.26	0.099
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001

QUALITY CONTROL REPORT

VAN07001495.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	
Reference Materials																					
STD DST6	Standard	26.8	196	1.05	559	0.372	7.04	1.560	1.34	8.4	57.2	55	4.9	15.6	10.8	0.6	3	10	22.4	<0.1	61.8
STD DST6	Standard	27.7	199	1.05	567	0.376	6.94	1.520	1.37	8.2	56.5	55	5.3	16.1	8.0	0.5	3	10	22.3	<0.1	61.9
STD DST6	Standard	24.8	216	1.07	645	0.369	7.03	1.792	1.48	8.0	52.6	54	6.4	15.4	8.6	0.6	3	11	27.4	<0.1	62.1
STD DST6	Standard	24.1	214	1.06	610	0.376	7.10	1.712	1.44	7.5	52.3	52	5.8	14.4	8.6	0.5	2	11	23.0	<0.1	58.0
STD DST6 Expected		25.7	230	1.03	702	0.387	6.92	1.673	1.42	7.4	50.1	52	6.3	15.2	8.11	0.6	3.3	10.1	25.4		61.2
BLK	Blank	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	



ACME ANALYTICAL LABORATORIES LTD.

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Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
Report Date: November 06, 2007

Page: 1 of 1 Part 3

QUALITY CONTROL REPORT

VAN07001495.1

	Method	1EX
	Analyte	Hf
	Unit	ppm
	MDL	0.1
Reference Materials		
STD DST6	Standard	2.1
STD DST6	Standard	1.9
STD DST6	Standard	1.7
STD DST6	Standard	1.6
STD DST6 Expected		1.8
BLK	Blank	<0.1
BLK	Blank	<0.1



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 Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
 Report Date: November 06, 2007

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN07001495.1

Method	Analyte	Unit	MDL	1EX Mo	1EX Cu	1EX Pb	1EX Zn	1EX Ag	1EX Ni	1EX Co	1EX Mn	1EX Fe	1EX As	1EX U	1EX Au	1EX Th	1EX Sr	1EX Cd	1EX Sb	1EX Bi	1EX V	1EX Ca	1EX P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001
1MA 499	Rock Pulp			2.5	132.8	2.5	91	<0.1	164.5	69.4	1735	9.30	2	0.1	<0.1	0.4	192	<0.1	0.2	<0.1	266	8.55	0.026
1MA 500	Rock Pulp			0.7	129.3	1.7	100	<0.1	182.8	71.2	1925	9.28	1	0.1	<0.1	0.4	132	<0.1	0.1	<0.1	255	7.94	0.027
1MA 504	Rock Pulp			1.1	93.0	60.9	80	0.3	121.8	36.4	1258	5.24	12	3.9	<0.1	13.5	573	0.2	0.1	0.5	141	4.77	0.271
1MA 505	Rock Pulp			0.8	108.6	16.0	94	0.2	95.8	36.9	1114	5.41	5	2.9	<0.1	11.4	595	0.1	0.2	0.1	154	4.87	0.258
1MA 506	Rock Pulp			3.5	39.2	6.8	139	<0.1	9.4	6.1	1048	23.18	2	0.1	<0.1	0.2	18	<0.1	3.6	<0.1	14	1.90	0.050
1MA 507	Rock Pulp			4.8	1067	95.7	3201	1.4	93.2	212.9	200	18.29	91	0.8	<0.1	2.0	8	6.7	9.0	1.2	44	1.16	0.025
1MA 508	Rock Pulp			2.7	68.6	5.9	52	<0.1	85.9	24.8	659	3.47	2	0.8	0.1	3.0	293	<0.1	<0.1	<0.1	103	2.25	0.059
1MA 509	Rock Pulp			1.5	160.2	7.4	103	<0.1	112.6	40.4	1262	6.75	2	0.5	<0.1	1.6	278	0.1	0.1	0.2	210	5.76	0.155
1MA 510	Rock Pulp			1.3	105.0	9.6	89	0.2	96.0	36.8	1225	6.04	2	2.1	<0.1	9.2	423	0.3	<0.1	0.4	185	6.04	0.263
1MA 522	Rock Pulp			0.8	116.2	1.3	111	<0.1	90.5	56.8	1490	9.99	12	0.1	<0.1	0.4	57	<0.1	0.5	<0.1	262	7.28	0.032

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Project: None Given
 Report Date: November 06, 2007

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN07001495.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	
1MA 499	Rock Pulp	4.7	506	5.87	102	0.650	4.89	1.389	0.21	0.6	65.7	13	0.6	19.3	3.0	0.2	<1	37	5.5	0.1	1.9
1MA 500	Rock Pulp	4.8	409	5.99	33	0.642	4.75	1.384	0.10	0.2	70.7	12	0.4	19.1	3.2	0.2	<1	35	4.0	<0.1	0.9
1MA 504	Rock Pulp	83.5	319	5.00	837	0.398	6.26	3.513	2.00	0.6	222.2	160	1.6	24.9	7.1	0.3	4	18	10.5	<0.1	111.1
1MA 505	Rock Pulp	75.5	310	4.83	676	0.424	6.05	3.248	1.75	0.7	177.4	147	1.6	24.0	6.4	0.3	2	18	12.0	0.1	103.3
1MA 506	Rock Pulp	2.7	27	1.81	7	0.014	0.36	0.059	0.17	0.7	4.7	5	1.7	3.7	0.3	<0.1	<1	<1	0.6	0.6	4.8
1MA 507	Rock Pulp	14.0	104	0.80	21	0.090	4.41	0.041	2.15	1.0	79.9	26	7.1	7.8	1.5	<0.1	1	7	17.2	>10	61.1
1MA 508	Rock Pulp	22.6	191	2.05	307	0.114	7.38	3.196	2.07	1.7	70.6	44	0.2	6.6	1.9	<0.1	<1	13	2.9	0.2	67.2
1MA 509	Rock Pulp	17.2	261	5.54	475	0.113	6.22	2.668	0.41	1.0	71.9	46	0.5	16.0	0.7	<0.1	1	31	23.5	0.3	7.3
1MA 510	Rock Pulp	53.2	238	4.92	2435	0.440	6.03	1.968	3.09	0.3	137.0	115	1.3	19.7	4.6	0.3	2	23	26.9	0.2	116.6
1MA 522	Rock Pulp	3.6	117	3.27	91	0.538	7.05	1.988	0.29	0.9	39.8	10	0.5	17.1	2.4	0.1	1	35	32.4	0.2	10.6

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Client:

MacGregor, R.A.

28 Ford St.
Sault Ste. Marie ON P6A 4N4 Canada

Project:

None Given

Report Date:

November 06, 2007

Page:

2 of 2

Part 3

CERTIFICATE OF ANALYSIS

VAN07001495.1

Method	1EX
Analyte	Hf
Unit	ppm
MDL	0.1
1MA 499	Rock Pulp 1.7
1MA 500	Rock Pulp 1.6
1MA 504	Rock Pulp 6.5
1MA 505	Rock Pulp 4.9
1MA 506	Rock Pulp 0.2
1MA 507	Rock Pulp 2.6
1MA 508	Rock Pulp 2.4
1MA 509	Rock Pulp 2.0
1MA 510	Rock Pulp 4.5
1MA 522	Rock Pulp 1.4



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Client: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4 Canada

Submitted By: R.A. MacGregor
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: March 03, 2008
 Report Date: April 11, 2008
 Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN08004461.1

CLIENT JOB INFORMATION

Project: None Given
 Shipment ID:
 P.O. Number
 Number of Samples: 87

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

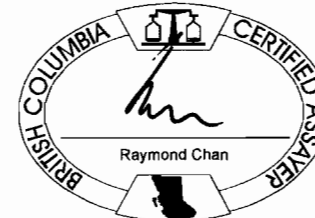
Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
No Prep	87	Sorting of samples on arrival and labeling		
1DX	45	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
1DX	12	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed
1EX	18	4 Acid digestion ICP-MS analysis	0.25	Completed
4A	12	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.2	Completed

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4
 Canada

CC:



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Client: **MacGregor, R.A.**
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 Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
 Report Date: April 11, 2008

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN08004461.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	Cu	Pb	Zn	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.1	0.1	0.1	1	
Pulp Duplicates																					
IAD 906	Rock Pulp	<1	1177	3.85	4	0.100	36	2.49	0.014	<0.01	<0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	N.A.	N.A.	N.A.	N.A.
REP IAD 906	QC	<1	1195	3.86	3	0.103	34	2.51	0.014	<0.01	<0.1	<0.01	1.1	<0.1	<0.05	4	<0.5				
IAD 914	Rock Pulp	<1	246	4.10	4	0.077	<20	3.69	0.013	<0.01	<0.1	<0.01	7.9	<0.1	<0.05	6	<0.5	N.A.	N.A.	N.A.	N.A.
REP IAD 914	QC	<1	247	4.12	4	0.077	<20	3.64	0.013	<0.01	<0.1	<0.01	7.9	<0.1	<0.05	6	<0.5				
IMA 549	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP IMA 549	QC																				
WR 279	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP WR 279	QC																				
WR 290	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP WR 290	QC																				
IAX 360	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2.6	1424	9.8	61	
REP IAX 360	QC																2.4	1392	9.5	62	
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard	11	182	0.96	350	0.108	35	0.90	0.087	0.41	3.5	0.19	2.2	3.9	0.18	4	3.4				
STD DS7	Standard	11	184	0.97	357	0.107	32	0.91	0.086	0.42	3.5	0.18	2.3	4.0	0.18	4	3.1				
STD DS7	Standard	12	200	1.03	398	0.119	41	1.03	0.096	0.43	4.0	0.20	2.5	4.3	0.20	5	3.5				
STD DS7	Standard	13	215	1.09	420	0.125	75	1.07	0.107	0.47	3.6	0.23	2.5	4.4	0.20	5	2.7				
STD DS7	Standard																	22.6	109.0	71.3	400
STD DS7	Standard																	21.2	112.0	77.5	395
STD DST6	Standard																				
STD DST6	Standard																				
STD DST6	Standard																				
STD DST6	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				

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Project: None Given
 Report Date: April 11, 2008

Page: 2 of 2 Part 4

QUALITY CONTROL REPORT

VAN08004461.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1EX	1EX	1EX	1EX	1EX	1EX	1EX			
		Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	
		%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.1	0.1	0.1	1	0.1	0.1	0.2	1	
STD SO-18	Standard																					
STD DST6 Expected														12.7	129.7	36.7	176	0.365	30.4	13.7	980	
STD CSC Expected																						
STD OREAS76A Expected																						
STD DS7 Expected		0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5									
STD SO-18 Expected																						
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	7	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5									
BLK	Blank																					

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Project: None Given
Report Date: April 11, 2008

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN08004461.1

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX15	1DX15	1DX15	1DX15
	La ppm	Cr ppm	Mg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm
	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.1	0.1	0.1	1
IMA 549	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IMA 550	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IMA 551	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 278	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 279	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 283	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 284	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 285	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 286	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 287	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 288	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 289	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 290	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 291	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 292	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 299	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.3	34.0	3.6	61
IAX 368	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	<0.1	30.2	1.1	6
IAX 375	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	3.4	329.2	18.8	931
IAX 358	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1.1	42.5	4.1	68
IAX 359	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.5	120.7	17.3	78
IAX 380	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2.6	1424	9.8	61
IAX 361	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1.2	178.0	565.2	138
IAX 362	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.4	52.4	5.5	38
IAX 363	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1.6	15.7	6.2	62
IAX 364	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	<0.1	21.6	5.9	32
IAX 365	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	<0.1	46.8	2.7	24
IAX 366	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	<0.1	83.8	14.6	71

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ACME ANALYTICAL LABORATORIES LTD.
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 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **MacGregor, R.A.**
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
 Report Date: April 11, 2008

Page: 1 of 2 Part 4

QUALITY CONTROL REPORT

VAN08004461.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn
Unit	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.1	0.1	0.1	1	0.1	0.1	0.2	1
Pulp Duplicates																				
IAD 906	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP IAD 906	QC																			
IAD 914	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP IAD 914	QC																			
IMA 549	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.4	4.4	25.5	32	<0.1	5.9	5.4	160
REP IMA 549	QC												0.4	3.3	25.7	33	<0.1	5.6	5.2	162
WR 279	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP WR 279	QC																			
WR 290	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP WR 290	QC																			
IAX 360	Rock Pulp	0.012	2	3.59	0.031	0.03	0.1	<0.01	13.1	<0.1	0.52	13	1.7	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP IAX 360	QC	0.007	2	3.55	0.028	0.03	0.1	<0.01	13.0	<0.1	0.52	13	1.8							
Reference Materials																				
STD CSC	Standard																			
STD DS7	Standard																			
STD DS7	Standard																			
STD DS7	Standard																			
STD DS7	Standard	0.148	43	1.15	0.096	0.52	4.2	0.17	2.6	4.3	0.28	6	4.4							
STD DS7	Standard	0.150	39	1.13	0.094	0.56	3.9	0.19	2.7	4.5	0.28	5	3.3							
STD DST6	Standard												11.8	140.2	39.1	172	0.3	31.8	13.3	928
STD DST6	Standard												12.5	139.6	39.4	178	0.3	31.4	14.0	939
STD DST6	Standard												12.6	138.6	36.5	178	0.2	31.4	14.9	927
STD DST6	Standard												11.4	132.9	33.6	167	0.2	30.5	14.2	879
STD OREAS76A	Standard																			
STD SO-18	Standard																			
STD SO-18	Standard																			
STD SO-18	Standard																			

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Client: **MacGregor, R.A.**
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
 Report Date: April 11, 2008

Page: 2 of 2 Part 4

QUALITY CONTROL REPORT

VAN08004461.1

	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn
	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.1	0.1	0.1	1	0.1	0.1	0.2	1
STD SO-18 Standard																				
STD DST6 Expected													12.7	129.7	36.7	176	0.365	30.4	13.7	980
STD CSC Expected																				
STD OREAS76A Expected																				
STD DS7 Expected	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5								
STD SO-18 Expected																				
BLK Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1
BLK Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	7
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5								
BLK Blank																				

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Client: **MacGregor, R.A.**
28 Ford St
Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
Report Date: April 11, 2008

Page: 4 of 4 Part 4

CERTIFICATE OF ANALYSIS

VAN08004461.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte	TI	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn
Unit	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.1	0.1	0.1	1	0.1	0.1	0.2	1
IMA 549	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.4	4.4	25.5	32	<0.1	5.9	5.4	160
IMA 550	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.3	6.1	22.7	18	<0.1	10.4	2.8	118
IMA 651	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.5	38.2	10.1	80	<0.1	87.1	18.0	597
WR 278	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 279	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 283	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 284	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 285	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 286	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 287	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 288	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 289	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 290	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 291	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WR 292	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 299	Rock Pulp	0.070	1	4.19	0.012	0.62	<0.1	<0.01	18.5	0.2	0.14	11	1.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 368	Rock Pulp	0.003	1	2.11	0.003	<0.01	<0.1	<0.01	12.4	<0.1	0.10	5	1.8	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 375	Rock Pulp	0.010	1	3.21	0.008	0.01	0.1	0.33	7.7	<0.1	3.70	10	7.2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 358	Rock Pulp	0.011	<1	4.01	0.024	0.02	<0.1	<0.01	11.6	<0.1	0.64	14	1.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 359	Rock Pulp	0.007	2	3.09	0.033	0.06	<0.1	<0.01	11.1	<0.1	0.38	11	1.7	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 360	Rock Pulp	0.012	2	3.59	0.031	0.03	0.1	<0.01	13.1	<0.1	0.52	13	1.7	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 361	Rock Pulp	0.007	3	3.46	0.040	0.10	0.1	<0.01	18.9	<0.1	0.40	10	2.2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 362	Rock Pulp	0.024	3	2.46	0.058	0.17	1.1	<0.01	8.9	<0.1	0.14	8	1.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 363	Rock Pulp	0.048	3	3.04	0.006	0.38	<0.1	<0.01	16.2	0.2	0.46	10	1.8	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 364	Rock Pulp	0.014	1	2.57	0.002	0.10	<0.1	<0.01	15.2	<0.1	0.11	7	1.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 365	Rock Pulp	0.006	1	2.85	0.001	0.02	<0.1	<0.01	16.4	<0.1	0.14	6	1.7	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
IAX 366	Rock Pulp	0.277	2	3.70	0.024	4.23	0.1	<0.01	5.4	1.5	0.14	12	1.8	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4 Canada

Submitted By: R.A. MacGregor
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: September 24, 2007
 Report Date: November 07, 2007
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN07001667.1

CLIENT JOB INFORMATION

Project: None Given
 Shipment ID:
 P.O. Number
 Number of Samples: 10

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
Sort	10	Sorting of samples on arrival		
Split Pulp	10	Analysis sample split/packet		
MIXP	10	Mix pulps on arrival		
3B	10	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed

SAMPLE DISPOSAL

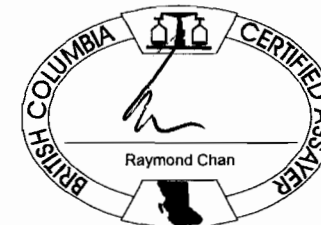
RTRN-PLP Return

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie ON P6A 4N4
 Canada

CC:



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Client: **MacGregor, R.A.**
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Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
Report Date: November 07, 2007

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN07001667.1

Method		3B	3B	3B
Analyte		Au	Pt	Pd
Unit		ppb	ppb	ppb
MDL		2	3	2
Pulp Duplicates				
EPG 28	Rock Pulp	3	8	31
REP EPG 28	QC	3	11	31
Reference Materials				
STD CDN-PGMS-14	Standard	254	112	423
STD FA10R	Standard	459	438	451
STD FA10R Expected		500	500	500
STD CDN-PGMS-14		259	119	451
BLK	Blank	<2	<3	<2
BLK	Blank	<2	<3	<2



ACME ANALYTICAL LABORATORIES LTD.
852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie ON P6A 4N4 Canada

Project: None Given
Report Date: November 07, 2007

Page: 2 of 2 Part 1

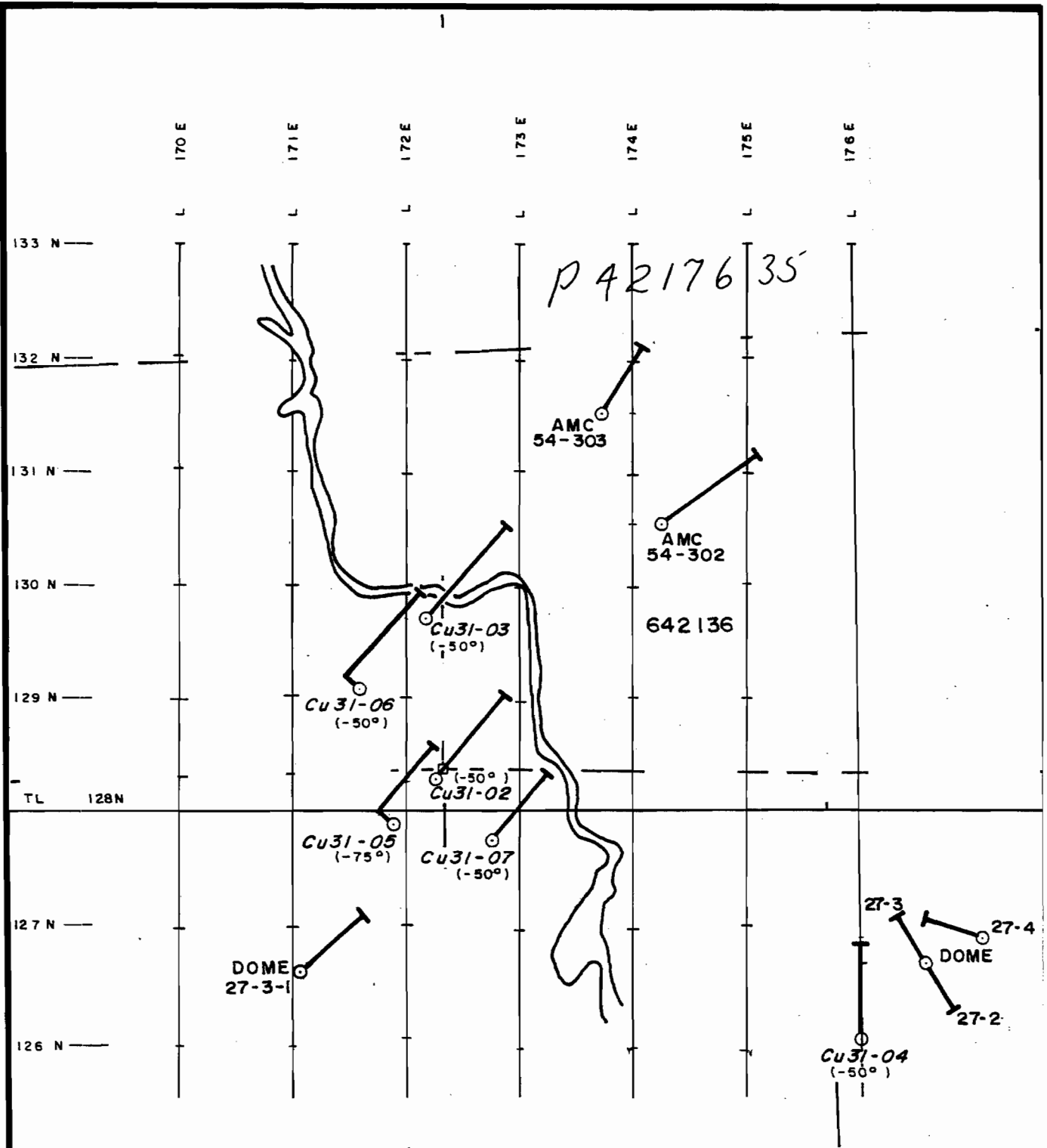
CERTIFICATE OF ANALYSIS

VAN07001667.1

Method		3B	3B	3B
Analyte		Au	Pt	Pd
Unit		ppb	ppb	ppb
MDL		2	3	2
EPG 22	Rock Pulp	<2	<3	3
EPG 23	Rock Pulp	5	6	33
EPG 24	Rock Pulp	13	15	88
EPG 25	Rock Pulp	2	5	17
EPG 26	Rock Pulp	5	9	43
EPG 27	Rock Pulp	18	19	130
EPG 28	Rock Pulp	3	8	31
EPG 29	Rock Pulp	<2	5	10
EPG 30	Rock Pulp	549	<3	<2
EPG 31	Rock Pulp	36	<3	<2

Appendix III

Location Plans



KIDD CREEK MINES LTD.
 Exploration Division Timmins, ONTARIO

CUNNINGHAM 31
 DUCK POND AREA
 CUNNINGHAM Twp.

**DRILL
 COMPILATION**

SCALE: 1 : 5000	Data: Mullen
Drawn: DEL	Project N ^o : 75
	Date: 29 / 02 / 84

Appendix IV

Receipts



Acme Analytical Laboratories (Vancouver) Ltd.
 852 East Hastings St.
 Vancouver, BC Canada V6A 1R6
 Phone 604 253 3158 Fax 604 253 1716
 GST # 100035377 RT

Bill To: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie, ON P6A 4N4
 Canada

Invoice Date: November 22, 2007
 Invoice Number: **VANI001635**
 Submitted by: R.A. MacGregor
 Job Number: VAN07001493
 Order Number:
 Project Code: None Given
 Shipment ID:
 Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	G1DX	0.5 g Aqua Regia Digestion ICP-MS	111	\$12.40	\$1376.40
				Net Total	\$1,376.40
				Canadian GST	\$82.58
				Grand Total	CAD \$1458.98

Invoice Stated In Canadian Dollars

Dec 3/07
Skwad 0843

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
 Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
 Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 1034123
 Bank Transit # 07120-003
 Swift Code: ROYCCAT2

For payment in US Funds:
 Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 4001533
 Bank Transit # 07120-003
 Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.



Acme Analytical Laboratories (Vancouver) Ltd.
852 East Hastings St.
Vancouver, BC Canada V6A 1R6
Phone 604 253 3158 Fax 604 253 1716
GST # 100035377 RT

Bill To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie, ON P6A 4N4
Canada

Invoice Date: November 22, 2007
Invoice Number: **VANI001636**
Submitted by: R.A. MacGregor
Job Number: VAN07001494
Order Number:
Project Code: None Given
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	G1D	0.5g Aqua Regia Digestion ICP-ES	12	\$7.80	\$93.60
			Net Total		\$93.60
			Canadian GST		\$5.62
			Grand Total	CAD	\$99.22

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

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For payment in Canadian Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Rec 3/07
Sked 0893



Acme Analytical Laboratories (Vancouver) Ltd.
 852 East Hastings St.
 Vancouver, BC Canada V6A 1R6
 Phone 604 253 3158 Fax 604 253 1716
 GST # 100035377 RT

Bill To: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie, ON P6A 4N4
 Canada

Invoice Date: November 22, 2007
 Invoice Number: **VANI001637**
 Submitted by: R.A. MacGregor
 Job Number: VAN07001495
 Order Number:
 Project Code: None Given
 Shipment ID:
 Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	G1EX	0.25g 4 Acid Digestion ICP-MS	10	\$15.60	\$156.00
			Net Total		\$156.00
			Canadian GST		\$9.36
			Grand Total	CAD	\$165.36

Invoice Stated In Canadian Dollars

Rec 3/07
Skad 0893

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
 Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 1034123
 Bank Transit # 07120-003
 Swift Code: ROYCCAT2

For payment in US Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 4001533
 Bank Transit # 07120-003
 Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.



Acme Analytical Laboratories (Vancouver) Ltd.
 852 East Hastings St.
 Vancouver, BC Canada V6A 1R6
 Phone 604 253 3158 Fax 604 253 1716
 GST # 100035377 RT

Bill To: MacGregor, R.A.
 28 Ford St.
 Sault Ste. Marie, ON P6A 4N4
 Canada

Invoice Date: January 3, 2008
 Invoice Number: **VANI003283**
 Submitted by: R.A. MacGregor
 Job Number: VAN07001667
 Order Number:
 Project Code: None Given
 Shipment ID:
 Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	G3B30 AU PT PD	lead collection fire assay	10	\$15.50	\$155.00
2	MIXP		10	\$0.55	\$5.50
			Net Total		\$160.50
			Canadian GST		\$8.03
			Grand Total	CAD	\$168.53

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
 Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 1034123
 Bank Transit # 07120-003
 Swift Code: ROYCCAT2

For payment in US Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 4001533
 Bank Transit # 07120-003
 Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Jan 16 / 08
Sheet 08 97



Acme Analytical Laboratories (Vancouver) Ltd.
852 East Hastings St.
Vancouver, BC Canada V6A 1R6
Phone 604 253 3158 Fax 604 253 1716
GST # 100035377 RT

Bill To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie, ON P6A 4N4
Canada

Invoice Date: April 16, 2008
Invoice Number: **VANI007390**
Submitted by: R.A. MacGregor
Job Number: VAN08004461
Order Number:
Project Code: None Given
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	G1DX	0.5 g Aqua Regia Digestion ICP-MS	45	\$13.75	\$618.75
2	G1DX-15G	15g Aqua Regia digestion ICP-MS	12	\$18.25	\$219.00
3	G1EX	0.25g 4 Acid Digestion ICP-MS	18	\$17.00	\$306.00
4	G4A	Full Suite Whole Rock by ICP	12	\$26.70	\$320.40
			Net Total		\$1,464.15
			Canadian GST		\$73.21
			Grand Total	CAD	\$1537.36

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Appendix V

Azimuth & Dip of Drill Holes

**Azimuth and Dip of Drill Holes
Duck Pond Area**

Drill Hole		Dip	Azimuth
Cu 31-01	collar	55*	45*
	30.48 m	54*	
	91.44 m	52*	
Cu 31-02	collar	50*	45*
	60.96 m	48*	
	121.92 m	44*	
Cu 31-03	collar	55*	45*
	60.96 m	48*	
	121.92 m	45*	
Cu 31-04	collar	55*	0*
	60.96 m	51*	
	121.92 m	48*	
Cu 31-05	collar	75*	45*
	60.96 m	73*	
	121.92 m	70*	
	182.88 m	68*	
	243.84 m	66*	
Cu 31-06	collar	50*	45*
	60.96 m	48*	
	121.92 m	46*	
	162.76 m	44*	
Cu 31-07	collar	50*	45*
	60.96 m	49*	
	121.92 m	48*	
TC-92-1	collar	60*	45*
	60 m	60*	
	120 m	60*	
	180 m	59*	
	240 m	58*	
300 m	58*		

Appendix VI
Daily Log of Work Hours

Daily Log

Date	Activity	Days.
June 1/07	Sampling	1/2 day.
Oct 11/07	Shipping packing samples	1 hour.
May 3/08	receiving samples	1 hour.
June 25/08	Report	1 day.
	Total	1 3/4 days.