

Measurement Protocols

The following information on measurement protocols has been provided by Dr. Bruce Ott of AMEC.

Turbidity inside and outside the silt curtain will be sampled daily. Water will be collected in clean polyethylene bottles and tested at the mine by environmental personnel using a turbidity meter. A laboratory has not yet been identified but the selection criteria will be based on the requirement that the laboratory be appropriately certified and capable of guaranteeing the shortest turn-around time for results. Once a reliable correlation (as judged by the assay lab) is established between turbidity and total suspended solids (TSS), sampling will be reduced to weekly. Should a reliable correlation not be found, daily TSS sampling will continue.

Water will be collected from 0.25 m below the surface both inside and outside the silt curtain. There is no need to take samples between depths of 0.25 m and 5 m because the information on lake water quality confirms there is good mixing at these depths during the summer (see Figure A7).

Samples will be collected from immediately inside the silt curtain at 20 m intervals initially for turbidity and TSS, and outside the silt curtain at 100 m and 200 m distances (based on the precedent used at Diavik for a much large construction project). Samples will initially be taken at 20 m intervals (excluding the shoreline) to a distance of 50 m where wave action and natural suspension of sediment will confound results (see Figure A8).

Should TSS results indicate a lower sampling intensity based on the homogeneity of the results, the sampling distance will be changed to 40 m. Homogeneity will be taken to mean less than a 20% difference in adjacent samples.

Removal of Alternative 1 from Drawing

The Hatch drawing that showed two alternatives for the design of the intake pipe has been revised and is attached to this letter as Figure A3. It shows only the alternative presented and approved as part of the water licensing process.

We hope would be pleased to provide additional details, should you require them.

Yours sincerely,

SRK Consulting Inc.



Cameron C. Scott, P.Eng.
Principal Engineer

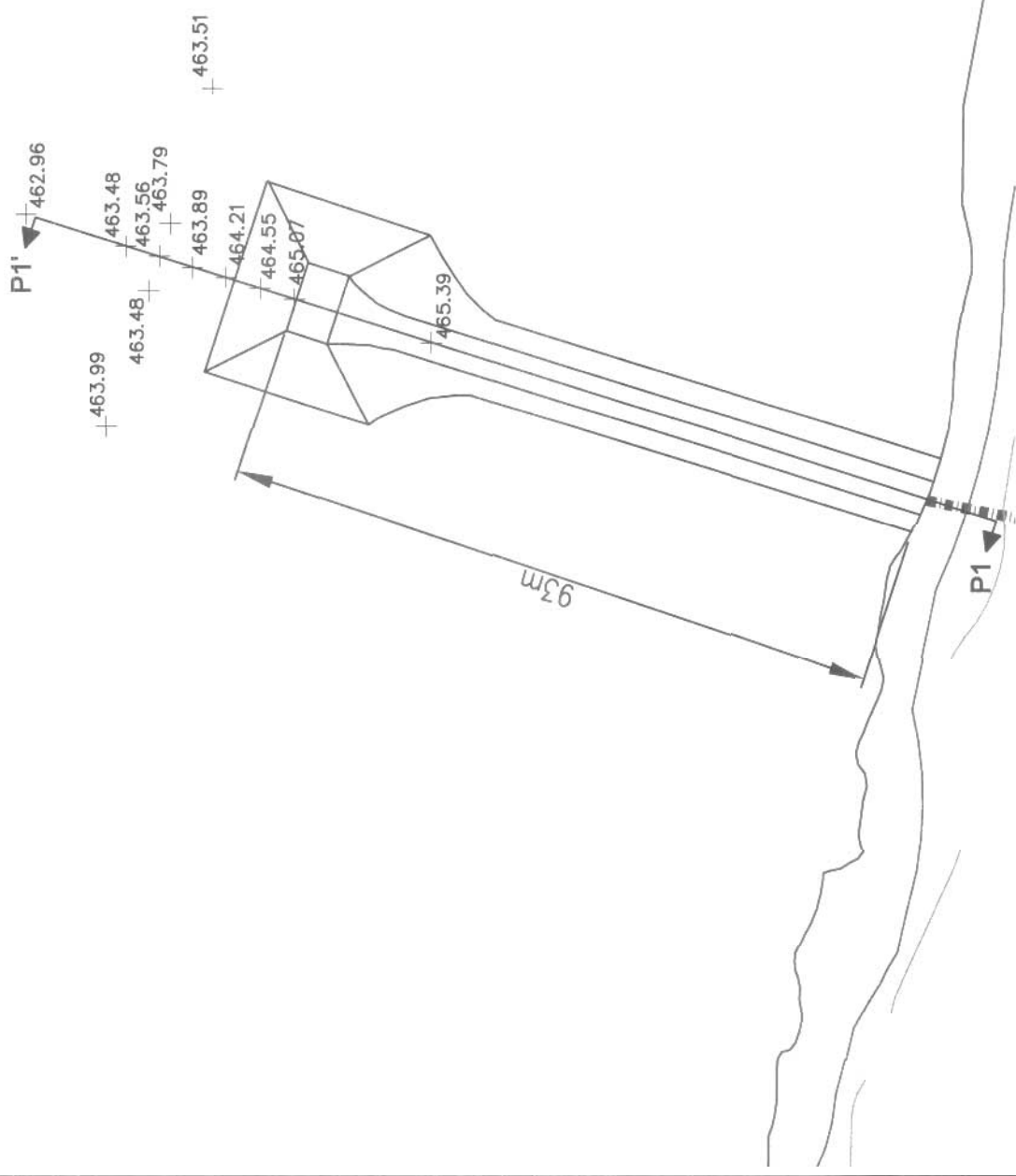
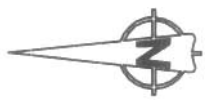


References

Johnson, D., 2005. Personal communication to C. Scott of SRK.

SRK Consulting, 2005. Specification for the Fresh Water Intake Causeway, Prepared for Jericho Diamond Corporation, April.

Figures



Notes:
1. Bathymetric data provided by Tahera Diamond Corporation
2. Refer to Fig A2 for profile P1-P1'

Causeway centerline
Shore point N 7319996.39 E 477984.16
Lake point N 7320085.63 E 478012.25
483.51+ Data point with elevation in metres



Tahera
Diamond Corporation

JERICHO PROJECT

FRESHWATER INTAKE
CAUSEWAY

PROJECT NO.	DATE	APPROVED	FIGURE
1CT001.036	July 2005		A1

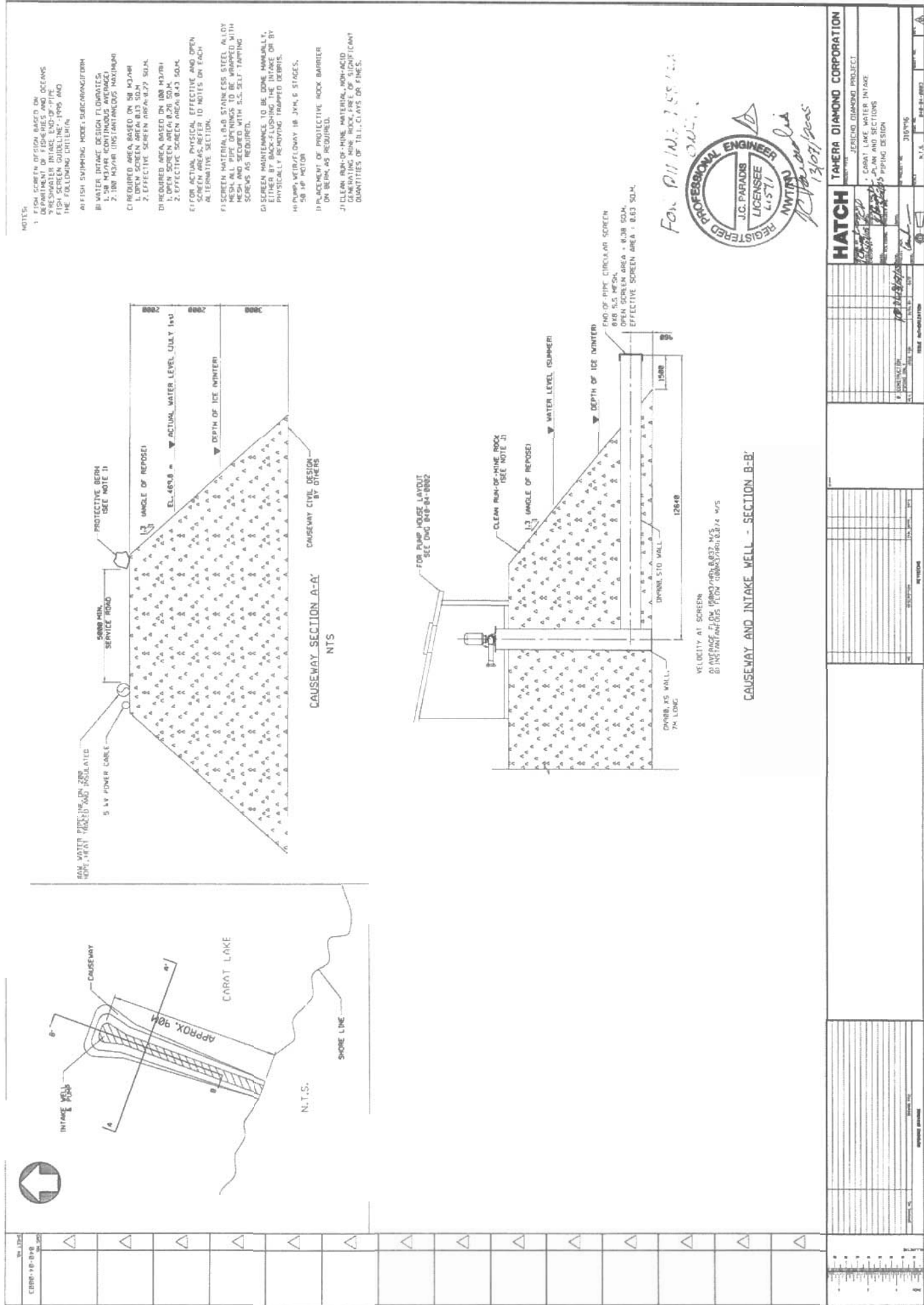
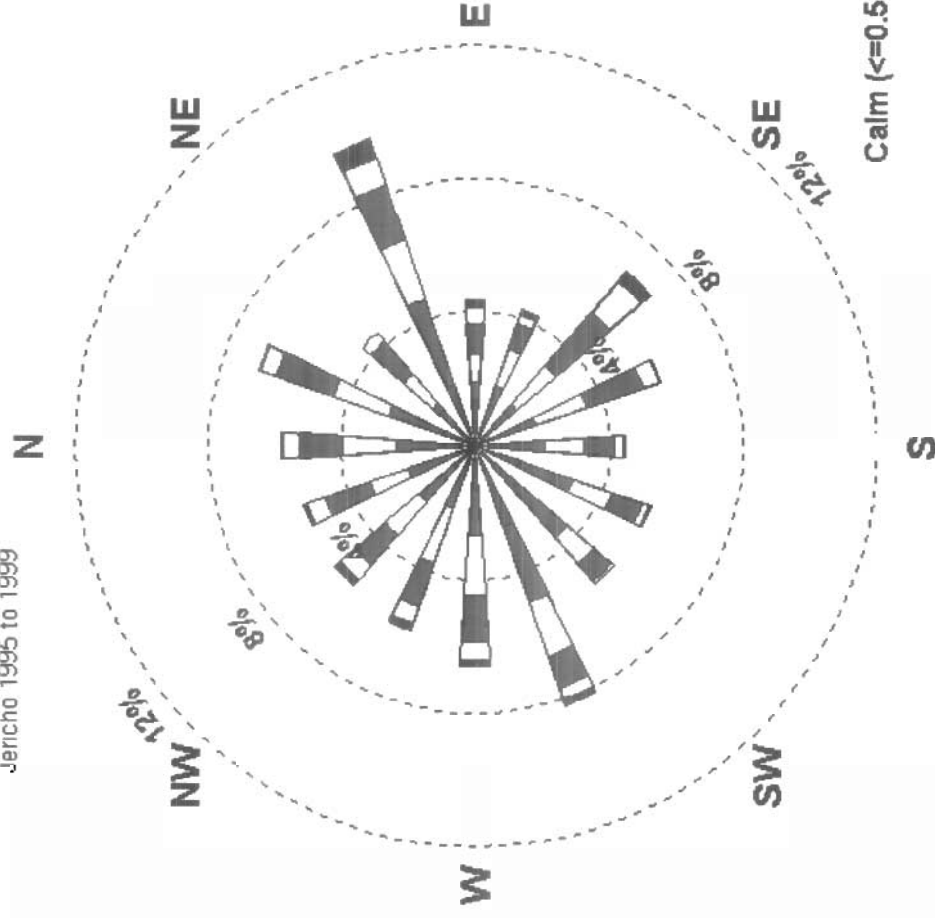


Figure A3

Jericho 1995 to 1999



Calm (≤ 0.5 m/s) = 4.6%



Tahera
Diamond Corporation

JERICO PROJECT

WIND ROSE BASED ON 1995 TO 1999
DATA FROM JERICO

PROJECT NO.	DATE	APPROVED	FIGURE
1CT001.036	July 2005		A4



Photo 5a: Run-of-mine rock at the Jericho pit. Photo by Tahera staff, July 2005.



Photo 5b: Run-of-mine rock at the Jericho pit. Photo by Tahera staff, July 2005.

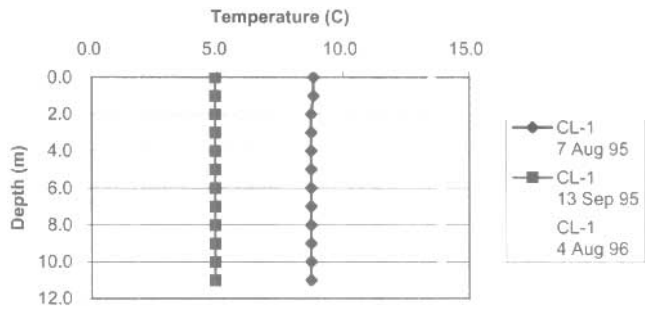


Photo 6a: Typical waste rock. Photo by Tahera staff, July 2005.

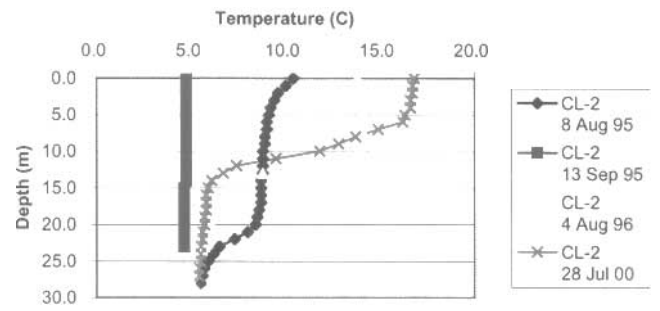


Photo 6b: Close-up of typical waste rock. Photo by Tahera staff, July 2005.

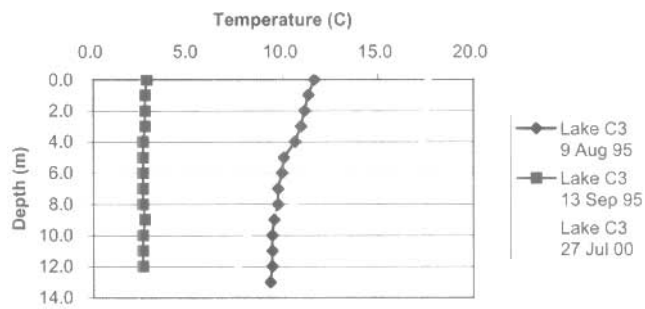
Carat Lake West Basin



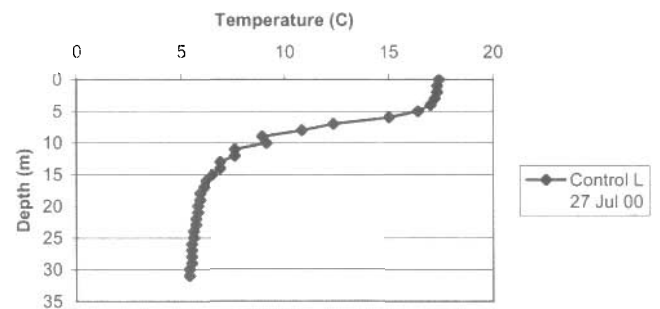
Carat Lake Centre Basin



Lake C3 Main Basin



Control Lake



Jericho Lake

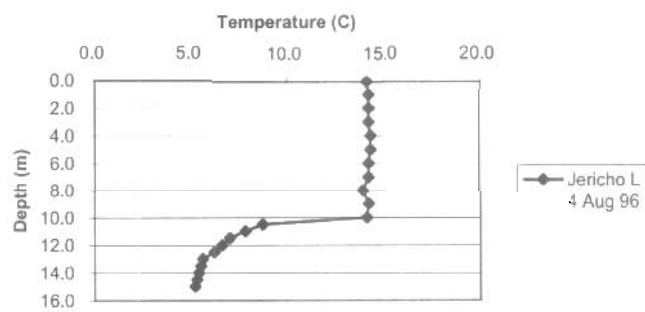


Figure A7



DRAFT

CLIENT LOGO		CLIENT:		DATE:	
		TAHERA DIAMOND CORPORATION		JUL Y 200	
				PROJECT NO:	
				VES126	
AMEC Earth & Environmental 2227 Douglas Road, Burnaby, B.C. V5C 5A9 Tel. (604) 294-3811 Fax. (604) 294-4664		DATE:		TURBIDITY/TSS SAMPLE LOCATION MAP	
		REV. NO.:			
		FIGURE NO.			
PROJECT: UTM Zone 12		REV. NO.:		Figure A8	
SCALE: AS SHOWN		PROJECT NO:			
DATE: JUL Y 200		PROJECT NO: VES126			
PROJECT: UTM Zone 12		REV. NO.:			
SCALE: AS SHOWN		PROJECT NO: VES126			

Appendix A
Geochemical Test Results on ROM Waste Rock

ALS Chemex

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ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com



To: AMEC EARTH AND ENVIRONMENTAL LTD.
4810-93 STREET
EDMONTON AB T6E 5M4

Page: 1
Finalized Date: 23-JUN-2005
Account: AMECED

CERTIFICATE VA05047827

Project:

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUN-2005.

The following have access to data associated with this certificate:

BRENDA CHOMIN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rod w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
QA-VOL08	Basic Acid Base Accounting
QA-ELE07	Paste pH
S-IR08	Total Sulphur (Leco)
ME-MS61	47 element four acid ICP-MS
	LECO

To: AMEC EARTH AND ENVIRONMENTAL LTD.
ATTN: BRENDA CHOMIN
4810-93 STREET
EDMONTON AB T6E 5M4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page: 2 - A
Total # Pages: 2 (A - D)
Finalized Date: 23-JUN-2005
Account: AMECED

CERTIFICATE OF ANALYSIS VA05047827

Sample Description	Method Analyte Units Lot#	WEI-21 Record Vt kg 0.02	QA-VOL08 FLZ RAT Unity 1	QA-VOL08 NMP t CaCO ₃ /100 1	QA-VOL08 NP t CaCO ₃ /100 1	QA-ELE07 PH Unity 0.1	QA-VOL08 MPA t CaCO ₃ /100 0.5	QA-VOL08 Ratio (N Unity 0.01	S-TR08 S % 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-TR61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01
1a		0.98	1	4	5	9.0	0.9	5.33	0.03	0.07	6.23	1.1	210	1.57	0.02	0.69
2a		2.26	1	12	13	8.5	0.9	13.87	0.03	0.22	6.96	1.0	130	1.52	0.07	8.49
3a		1.32	1	4	4	9.0	<0.5	25.50	<0.01	0.03	6.33	1.0	260	0.88	<0.01	0.42
4a		1.16	1	5	5	8.8	<0.5	18.00	0.01	0.04	6.66	0.8	590	1.24	0.06	0.41

Comments: REE's may not be totally soluble in MS61 method.



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Page: 2 - B
Total # Pages: 2 (A - D)
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CERTIFICATE OF ANALYSIS VA05047827

Sample Description	Method Analyte Units LOD	ME-MS61														ME-MS61			
		Cd	Co	Cr	Cu	Fe	Ga	Hf	In	K	La	Li	Mg	Mn	Ni	Pb	Sr	U	V
1a		<0.02	28.80		3.8	56	1.52		11.0	1.26	18.00	0.09	2.2	0.016	1.72	15.8	14.0	0.24	
2a		0.10	57.50	87	49.3	12.00	25.60	6.2	0.108	0.43	24.7	18.0	24.7	0.108	0.43	24.7	18.0	3.14	
3a		<0.02	15.45	35	1.5	0.70	18.20	1.1	0.010	4.89	8.6	4.9	8.6	0.010	4.89	8.6	4.9	0.12	
4b		<0.02	35.10	48	1.3	1.16	18.05	2.7	0.030	4.26	17.0	19.8	17.0	0.030	4.26	17.0	19.8	0.22	

Comments: REE's may not be totally soluble in MS61 method.



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Total # Pages: 2 (A - D)
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CERTIFICATE OF ANALYSIS VA05047827

Sample Description	Method Analyte Units LOA	ME-MS61 Mn ppm S	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05
1a		150	0.32	3.08	5.7	30.4	220	12.5	73.4	<0.002	0.04	1.50	1	2.2	77.8	0.58
2a		1545	1.18	1.81	17.5	72.9	1500	2.8	47.7	0.002	0.03	0.97	3	2.0	284.0	1.37
3a		78	0.33	2.41	2.9	4.8	190	24.2	202.0	<0.002	0.01	0.59	1	1.3	83.4	0.43
4a		172	0.24	2.34	6.5	5.1	280	22.3	159.0	<0.002	0.01	0.39	1	2.4	86.0	0.82

Comments: REE's may not be totally soluble in MS61 method.



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Total # Pages: 2 (A - D)
Finalized Date: 23-JUN-2005
Account: AMECED

CERTIFICATE OF ANALYSIS VA05047827

Sample Description	Method Analyte Units	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Tl %	ME-MS61 Tl %	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.8
1a		<0.05	6.9	0.065	0.065	0.33	6.6	7	0.2	7.0	20	81.5
2a		<0.05	2.6	1.805	0.7	0.05	0.7	449	0.3	39.1	134	215.0
3a		<0.05	2.8	0.047	0.85	0.85	1.7	7	0.1	4.6	6	32.4
4a		<0.05	12.6	0.080	8.8	0.74	8.8	6	0.2	7.9	22	76.6

Comments: REE's may not be totally soluble in MS61 method.