



Certificate of Analysis

Work Order : VC131138

[Report File No.: 0000001018]

To: **Chris S. LeBlanc**
COD SGS ASSAYERS
C/O F406501 SGS ASSAYERS
8282 SHERBROOKE STREET
VANCOUVER BC V5X 4R6


Date: Jun 05, 2013

P.O. No. : Northern Waterworks RL1301587
Project No. : -
No. Of Samples : 10
Date Submitted : May 24, 2013
Report Comprises : Pages 1 to 5
(Inclusive of Cover Sheet)

Distribution of unused material:

Active files:

Certified By :



Satpaul Gill
QAQC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC131138 Order: Northern Waterworks RL1301587

Page 2 of 5

Report File No.: 0000001018

Element Method Det.Lim. Units	Ag ICP12B 2 ppm	Al ICP12B 0.01 %	As ICP12B 3 ppm	Ba ICP12B 5 ppm	Bi ICP12B 5 ppm	Be ICP12B 0.5 ppm	Ca ICP12B 0.01 %	Cd ICP12B 1 ppm	Co ICP12B 1 ppm	Cr ICP12B 1 ppm
GBZ-040-13	<2	0.15	17	17	<5	<0.5	9.18	2	11	34
GBZ-041-13	<2	2.99	12	132	<5	<0.5	0.75	3	44	156
GBZ-042-13	4	0.34	26	39	<5	<0.5	0.34	3	14	27
GBZ-043-13	<2	0.89	<3	42	<5	<0.5	4.35	4	24	30
GBZ-044-13	<2	0.15	13	18	<5	<0.5	9.46	2	11	36
GBZ-045-13	<2	0.78	<3	26	<5	<0.5	1.09	<1	23	7
GBZ-046-13	<2	1.33	<3	51	<5	<0.5	0.83	2	77	8
GBZ-047-13	<2	3.64	11	105	<5	1.0	1.14	2	35	381
GBZ-048-13	<2	1.34	6	34	<5	<0.5	2.37	1	22	96
GBZ-049-13	6	0.11	34	29	<5	<0.5	0.63	3	23	15

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC131138 Order: Northern Waterworks RL1301587

Page 3 of 5

Report File No.: 0000001018

Element	Cu	Fe	Hg	K	La	Li	Mg	Mn	Mo	Na
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	1	0.01	0.5	1	0.01	2	1	0.01
Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	%
GBZ-040-13	34.7	5.24	10	<0.01	5.9	10	0.50	1740	<1	0.01
GBZ-041-13	138	7.64	2	0.83	8.5	75	2.30	663	<1	0.04
GBZ-042-13	169	6.79	2	0.10	2.6	7	0.49	246	2	0.02
GBZ-043-13	121	9.19	6	0.07	15.8	21	1.09	1210	<1	0.05
GBZ-044-13	38.2	5.38	12	<0.01	6.7	11	0.55	1850	1	0.01
GBZ-045-13	72.9	2.76	2	0.17	3.2	9	0.55	435	<1	0.09
GBZ-046-13	426	5.61	<1	0.20	5.9	35	2.66	626	<1	0.04
GBZ-047-13	131	5.45	<1	0.53	21.0	167	7.12	555	<1	0.02
GBZ-048-13	70.7	2.98	2	0.16	20.8	43	1.51	536	<1	0.07
GBZ-049-13	196	7.45	2	0.06	2.4	3	0.43	124	3	0.01

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC131138 Order: Northern Waterworks RL1301587

Page 4 of 5

Report File No.: 0000001018

Element	Ni	P	Pb	S	Sb	Sc	Sn	Sr	Ti	V
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	0.01	2	0.01	5	0.5	10	0.5	0.01	1
Units	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm
GBZ-040-13	30	<0.01	8	0.36	<5	0.6	<10	45.4	<0.01	7
GBZ-041-13	153	0.02	10	0.09	<5	5.8	<10	14.8	0.16	101
GBZ-042-13	103	0.03	133	1.29	<5	1.0	<10	12.0	0.03	23
GBZ-043-13	44	0.03	25	0.39	<5	3.4	<10	34.4	0.04	43
GBZ-044-13	35	<0.01	11	0.39	<5	0.6	<10	47.7	<0.01	7
GBZ-045-13	22	0.06	<2	0.51	<5	5.9	<10	3.5	0.09	78
GBZ-046-13	55	0.06	13	0.02	<5	11.9	<10	14.1	0.06	115
GBZ-047-13	186	0.18	9	0.06	<5	9.9	<10	27.5	0.10	107
GBZ-048-13	54	0.15	3	0.11	<5	6.3	<10	20.4	0.10	87
GBZ-049-13	185	0.04	129	3.86	<5	<0.5	<10	13.6	0.01	13

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC131138 Order: Northern Waterworks RL1301587

Page 5 of 5

Report File No.: 0000001018

Element	W	Y	Zn	Zr
Method	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm
GBZ-040-13	<10	4.0	29	1.6
GBZ-041-13	<10	5.7	77	2.5
GBZ-042-13	<10	2.3	30	2.5
GBZ-043-13	<10	7.9	100	5.1
GBZ-044-13	<10	4.4	31	1.6
GBZ-045-13	<10	5.2	19	2.4
GBZ-046-13	<10	9.3	36	3.7
GBZ-047-13	<10	13.3	81	17.4
GBZ-048-13	<10	10.1	27	11.5
GBZ-049-13	<10	1.2	43	2.2

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.