Certificate of Analysis
Work Order : VC171633R
[Report File No.: 0000023398]

Date: July 10, 2017

To: **Chris Osterman**
GOLDLUND RESOURCES INC
SUITE 1805-925 WEST GEORGIA ST
VANCOUVER BC V6C 3L2

P.O. No.: Goldlund Project 182 samples
Project No.: -
Samples: 42
Received: May 8, 2017
Pages: Page 1 to 15
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
40	G_LOG02	Pre-preparation processing, sorting, logging, boxing
40	DUPS	
40	GE_IC14A	Aqua Regia digestion/ICP-AES finish
40	GE_IC14M	Aqua Regia digestion/ICP-MS finish

Storage: Pulp & Reject

REJECT STORAGE : PAID STORE AFTER 30 DAYS
PULP STORAGE : PAID STORE AFTER 90 DAYS

Certified By : _____
John Chiang
QC 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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Ag_	@Al	@Ba	@Ca	@Cr	@Cu	@Fe	@K
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.01	0.01	5	0.01	1	0.5	0.01	0.01
Units	ppm	%	ppm	%	ppm	ppm	%	%
F00005701	0.11	0.29	40	2.35	8	6.7	4.71	0.07
F00005702	0.07	0.55	61	2.09	7	7.6	4.59	0.14
F00005703	0.11	0.39	70	2.14	6	6.4	5.34	0.16
F00005704	0.13	0.27	51	1.78	8	14.3	4.18	0.08
F00005705	0.14	0.28	35	1.89	8	15.3	4.31	0.08
F00005706	0.05	0.95	79	2.01	7	6.2	4.88	0.18
F00005707	0.08	0.68	52	1.86	7	3.4	4.69	0.17
F00005708	0.07	0.85	92	1.91	9	7.4	4.71	0.25
F00005709	0.10	0.27	69	1.83	8	3.0	4.69	0.13
F00005710	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005711	0.19	0.19	93	2.47	7	5.0	4.25	0.09
F00005712	0.09	0.40	126	1.92	6	2.9	4.79	0.26
F00005713	0.45	0.20	40	1.84	8	6.4	5.03	0.06
F00005714	0.10	0.29	137	1.82	6	5.6	4.76	0.16
F00005715	0.48	0.25	83	1.93	7	7.3	3.97	0.09
F00005716	0.08	0.43	107	1.80	6	1.6	4.94	0.28
F00005717	0.16	0.16	26	2.26	6	3.7	4.18	0.03
F00005718	0.11	0.51	92	2.21	10	5.4	5.23	0.20
F00005719	0.36	0.52	84	1.52	11	9.0	4.90	0.23
F00005720	1.04	0.29	48	1.85	3	21.0	6.38	0.07
F00005721	1.20	0.29	48	1.81	3	22.5	6.34	0.07
F00005722	0.07	0.59	112	1.62	7	6.0	4.85	0.28
F00005723	0.11	0.40	84	1.48	8	22.2	4.95	0.18
F00005724	0.07	0.45	101	1.69	8	2.6	4.96	0.25
F00005725	<0.01	0.02	13	>15.0	<1	<0.5	0.08	<0.01
F00005726	1.61	0.28	51	1.46	7	6.5	5.03	0.10
F00005727	0.11	0.30	63	1.43	6	5.4	4.77	0.15
F00005728	0.08	0.32	67	1.53	7	5.4	5.01	0.15
F00005729	0.09	0.43	82	1.53	7	7.5	4.32	0.18
F00005730	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005731	0.09	0.38	100	1.76	7	7.0	4.98	0.20
F00005732	0.07	0.33	87	1.70	7	6.7	4.27	0.17
F00005733	0.04	0.36	67	1.60	9	1.3	4.33	0.15
F00005734	0.06	0.37	69	1.61	9	1.1	4.50	0.15
F00005735	0.06	0.39	65	1.72	7	3.5	4.55	0.18
F00005736	0.09	0.64	75	1.66	6	5.6	4.71	0.16
F00005737	0.05	0.69	100	1.46	6	3.4	4.69	0.23
F00005738	0.06	0.67	106	1.69	6	2.5	4.59	0.27
F00005739	0.06	0.42	56	1.57	7	14.9	4.20	0.13
F00005740	0.18	0.57	130	1.92	42	5.9	4.63	0.31

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Ag_	@Al	@Ba	@Ca	@Cr	@Cu	@Fe	@K
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.01	0.01	5	0.01	1	0.5	0.01	0.01
Units	ppm	%	ppm	%	ppm	ppm	%	%
F00005741	0.07	0.52	119	2.25	47	1.8	4.77	0.28
F00005742	0.13	0.51	66	1.28	8	6.9	3.98	0.16

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Li	@Mg	@Mn	@Na	@Ni	@P	@S	@Sr
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	1	0.01	2	0.01	0.5	0.01	0.01	0.5
Units	ppm	%	ppm	%	ppm	%	%	ppm
F00005701	4	0.50	502	0.09	1.7	0.07	0.50	78.8
F00005702	8	0.47	425	0.08	1.8	0.07	0.27	45.2
F00005703	6	0.52	451	0.10	1.9	0.08	0.74	68.8
F00005704	4	0.43	428	0.08	1.6	0.07	0.68	65.8
F00005705	4	0.50	471	0.09	1.8	0.06	0.69	73.0
F00005706	15	0.55	417	0.08	1.8	0.07	0.08	30.8
F00005707	12	0.54	412	0.09	1.7	0.07	0.30	41.5
F00005708	16	0.60	387	0.09	1.7	0.07	0.17	32.5
F00005709	6	0.56	433	0.09	1.8	0.07	0.57	66.3
F00005710	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005711	5	0.73	552	0.09	1.7	0.07	1.02	106
F00005712	14	0.62	475	0.09	1.6	0.07	0.30	62.2
F00005713	4	0.60	471	0.10	2.2	0.07	2.74	82.4
F00005714	7	0.65	456	0.10	1.3	0.06	0.69	81.9
F00005715	4	0.68	457	0.09	1.6	0.05	1.13	84.3
F00005716	11	0.65	355	0.10	1.3	0.06	0.18	57.6
F00005717	1	0.74	536	0.10	1.3	0.06	1.27	106
F00005718	8	0.83	481	0.09	1.8	0.07	0.61	80.0
F00005719	8	0.64	369	0.08	2.0	0.06	1.28	54.1
F00005720	3	0.62	435	0.11	2.8	0.13	2.64	83.1
F00005721	2	0.61	421	0.11	2.9	0.12	2.64	80.4
F00005722	10	0.73	355	0.08	1.5	0.06	0.18	46.6
F00005723	6	0.64	391	0.09	1.7	0.06	0.46	63.7
F00005724	8	0.70	375	0.10	1.5	0.07	0.18	59.4
F00005725	<1	0.97	106	0.02	<0.5	<0.01	<0.01	74.8
F00005726	4	0.58	387	0.10	1.7	0.07	0.35	64.3
F00005727	4	0.62	375	0.10	1.7	0.06	0.24	73.5
F00005728	4	0.68	412	0.10	1.8	0.06	0.28	77.3
F00005729	7	0.62	397	0.09	1.3	0.06	0.27	54.5
F00005730	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005731	7	0.74	471	0.10	1.6	0.06	0.34	68.2
F00005732	6	0.65	432	0.10	1.3	0.06	0.29	67.1
F00005733	5	0.66	373	0.09	1.7	0.05	0.09	60.4
F00005734	6	0.68	386	0.09	1.6	0.05	0.10	61.1
F00005735	6	0.68	375	0.09	1.4	0.06	0.10	63.9
F00005736	9	0.76	339	0.09	1.3	0.06	0.17	55.3
F00005737	11	0.82	317	0.10	1.3	0.06	0.16	44.7
F00005738	11	0.81	381	0.10	1.2	0.07	0.09	48.7
F00005739	6	0.72	387	0.09	1.6	0.05	0.24	59.8
F00005740	12	1.07	445	0.09	11.5	0.08	0.24	86.3

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Li	@Mg	@Mn	@Na	@Ni	@P	@S	@Sr
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	1	0.01	2	0.01	0.5	0.01	0.01	0.5
Units	ppm	%	ppm	%	ppm	%	%	ppm
F00005741	13	1.08	507	0.10	12.6	0.08	0.11	82.7
F00005742	7	0.65	332	0.08	1.3	0.05	0.21	38.1

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Ti	@V	@Zn	@Zr	@As	@Be	@Bi	@Cd
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.01	1	1	0.5	1	0.1	0.02	0.01
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005701	0.08	42	42	53.3	1	0.2	0.12	0.10
F00005702	0.09	32	60	64.9	<1	0.6	0.03	0.08
F00005703	0.09	42	50	70.6	<1	0.4	0.11	0.08
F00005704	0.07	36	40	47.3	2	0.2	0.43	0.08
F00005705	0.07	35	43	44.9	2	0.2	0.36	0.09
F00005706	0.09	27	53	67.0	<1	0.3	<0.02	0.04
F00005707	0.09	35	36	68.9	<1	0.2	0.04	0.04
F00005708	0.11	27	48	82.4	<1	0.3	<0.02	0.05
F00005709	0.08	38	27	64.7	<1	0.2	0.08	0.07
F00005710	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005711	0.07	30	46	51.1	1	0.2	0.12	0.14
F00005712	0.10	38	31	88.7	<1	0.2	0.04	0.06
F00005713	0.06	24	18	41.5	1	<0.1	0.53	0.07
F00005714	0.09	42	25	58.0	<1	0.2	0.07	0.08
F00005715	0.06	28	61	41.3	<1	0.1	1.59	0.13
F00005716	0.11	42	30	113	<1	0.3	<0.02	0.05
F00005717	0.06	33	18	33.2	<1	<0.1	0.28	0.09
F00005718	0.09	51	79	79.6	3	0.2	0.06	0.13
F00005719	0.09	28	32	63.4	2	0.3	1.23	0.06
F00005720	0.07	55	54	61.7	2	0.1	1.60	0.16
F00005721	0.07	52	51	60.1	2	0.2	1.74	0.16
F00005722	0.10	33	45	76.6	<1	0.3	0.03	0.05
F00005723	0.08	48	40	70.4	<1	0.3	0.09	0.07
F00005724	0.10	39	34	87.4	<1	0.3	<0.02	0.06
F00005725	<0.01	<1	<1	<0.5	<1	<0.1	0.06	0.02
F00005726	0.08	57	54	58.7	<1	0.2	5.07	0.10
F00005727	0.09	52	26	62.0	<1	0.3	0.13	0.07
F00005728	0.09	52	34	61.6	<1	0.3	0.06	0.08
F00005729	0.08	38	114	62.9	<1	0.5	0.03	0.17
F00005730	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005731	0.09	43	39	65.0	<1	0.5	0.02	0.07
F00005732	0.08	40	47	54.4	<1	0.3	0.02	0.08
F00005733	0.08	35	20	62.0	<1	0.5	0.04	0.05
F00005734	0.08	36	21	62.8	<1	0.5	0.05	0.05
F00005735	0.08	39	23	70.9	<1	0.4	<0.02	0.06
F00005736	0.09	40	37	73.6	<1	0.5	0.05	0.04
F00005737	0.10	32	39	86.5	<1	0.7	<0.02	0.05
F00005738	0.11	33	37	93.7	<1	0.6	<0.02	0.05
F00005739	0.08	33	44	55.8	<1	0.4	<0.02	0.06
F00005740	0.10	47	52	75.0	<1	0.4	0.42	0.08

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Ti	@V	@Zn	@Zr	@As	@Be	@Bi	@Cd
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.01	1	1	0.5	1	0.1	0.02	0.01
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005741	0.09	37	45	73.3	<1	0.5	<0.02	0.07
F00005742	0.08	29	52	56.2	<1	0.5	0.05	0.06

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Ce	@Co	@Cs	@Ga	@Ge	@Hf	@Hg	@In
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.05	0.1	0.05	0.1	0.1	0.05	0.01	0.02
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005701	45.1	4.5	0.54	7.1	0.2	1.45	0.05	0.07
F00005702	55.5	4.9	1.04	10.3	0.2	1.63	0.27	0.09
F00005703	46.3	8.0	1.40	8.9	0.2	1.76	0.11	0.08
F00005704	33.8	4.7	0.62	6.1	0.1	1.16	0.21	0.07
F00005705	35.5	4.6	0.58	6.2	0.1	1.16	0.05	0.07
F00005706	64.3	6.2	1.03	13.1	0.3	1.69	0.02	0.08
F00005707	56.7	5.7	1.09	11.5	0.2	1.74	0.04	0.09
F00005708	58.2	5.4	1.48	12.1	0.2	2.08	0.02	0.10
F00005709	43.5	5.8	1.04	6.4	0.1	1.57	0.04	0.07
F00005710	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005711	32.4	5.9	0.72	4.5	0.1	1.25	0.05	0.07
F00005712	55.6	5.5	2.46	7.7	0.2	2.16	0.03	0.09
F00005713	26.1	9.2	0.51	3.9	0.1	1.04	0.05	0.06
F00005714	40.5	6.1	1.44	6.3	0.2	1.53	0.05	0.07
F00005715	33.7	6.0	0.71	4.7	0.1	1.05	0.04	0.08
F00005716	55.0	5.2	2.84	8.4	0.2	2.76	0.03	0.07
F00005717	23.6	7.2	0.25	3.8	0.1	0.84	0.05	0.07
F00005718	54.1	6.5	1.76	10.4	0.2	1.97	0.41	0.11
F00005719	32.2	5.9	1.97	8.4	0.2	1.64	0.02	0.08
F00005720	31.5	10.4	0.66	6.6	0.1	1.55	0.03	0.09
F00005721	32.1	11.0	0.68	6.6	0.1	1.57	0.02	0.08
F00005722	56.4	5.7	2.37	10.5	0.2	1.97	0.03	0.10
F00005723	41.6	4.5	1.44	8.4	0.2	1.75	0.02	0.08
F00005724	51.4	5.3	2.06	8.9	0.2	2.21	0.03	0.08
F00005725	0.85	0.6	<0.05	<0.1	<0.1	<0.05	0.01	<0.02
F00005726	33.4	4.6	0.90	7.9	0.2	1.58	0.02	0.08
F00005727	33.3	4.6	1.19	7.8	0.1	1.57	0.01	0.07
F00005728	34.4	4.8	1.22	7.7	0.2	1.60	0.03	0.07
F00005729	30.9	4.9	1.52	8.0	0.1	1.58	0.02	0.12
F00005730	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005731	40.6	5.6	1.56	8.0	0.2	1.66	0.01	0.08
F00005732	38.8	4.8	1.41	7.2	0.2	1.41	0.01	0.08
F00005733	29.9	4.1	1.24	7.7	0.2	1.56	<0.01	0.06
F00005734	29.2	4.2	1.24	7.6	0.1	1.59	<0.01	0.06
F00005735	34.3	4.4	1.42	8.1	0.1	1.80	0.01	0.06
F00005736	47.0	5.3	1.24	10.9	0.2	1.85	<0.01	0.10
F00005737	40.1	5.6	1.89	11.3	0.2	2.17	<0.01	0.09
F00005738	46.8	5.2	2.22	11.2	0.2	2.36	<0.01	0.09
F00005739	41.6	5.3	1.07	8.0	0.2	1.49	<0.01	0.09
F00005740	49.2	6.8	2.53	10.4	0.2	1.89	0.02	0.09

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Ce	@Co	@Cs	@Ga	@Ge	@Hf	@Hg	@In
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.05	0.1	0.05	0.1	0.1	0.05	0.01	0.02
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005741	55.8	6.8	2.29	10.3	0.2	1.86	0.01	0.10
F00005742	43.2	4.1	1.32	8.9	0.2	1.44	<0.01	0.08

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@La	@Lu	@Mo	@Nb	@Pb	@Rb	@Sb	@Sc
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.1	0.01	0.05	0.05	0.2	0.2	0.05	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005701	17.0	0.30	1.26	2.93	6.0	3.0	0.05	5.2
F00005702	21.0	0.38	1.78	2.81	6.5	5.5	<0.05	6.9
F00005703	17.7	0.33	1.51	3.31	6.3	7.1	0.06	6.3
F00005704	13.3	0.23	1.11	2.69	8.8	3.4	<0.05	4.8
F00005705	14.1	0.24	1.07	2.86	6.2	3.1	<0.05	5.2
F00005706	24.6	0.43	1.47	2.24	1.2	7.0	<0.05	6.8
F00005707	21.4	0.39	1.51	2.62	1.7	7.1	<0.05	7.1
F00005708	22.2	0.44	1.72	2.36	4.1	10.7	<0.05	7.6
F00005709	16.5	0.26	1.05	2.59	1.5	5.5	<0.05	5.3
F00005710	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005711	12.8	0.21	0.86	2.52	3.8	3.7	<0.05	5.0
F00005712	21.0	0.35	0.92	3.04	1.8	10.4	<0.05	7.2
F00005713	10.1	0.17	0.98	2.25	4.4	2.7	<0.05	4.1
F00005714	15.9	0.24	0.80	2.72	2.3	7.0	<0.05	5.5
F00005715	13.2	0.17	0.89	2.16	51.1	3.6	<0.05	4.8
F00005716	21.2	0.38	0.99	2.65	1.6	12.6	<0.05	7.4
F00005717	9.3	0.14	0.76	2.62	3.1	1.2	<0.05	4.3
F00005718	20.1	0.35	1.44	2.65	10.9	9.7	<0.05	7.3
F00005719	12.3	0.28	1.50	2.05	19.5	10.4	<0.05	6.4
F00005720	12.2	0.25	0.56	3.50	58.2	3.2	0.08	4.6
F00005721	12.4	0.25	0.55	3.37	62.4	3.3	0.11	4.7
F00005722	21.6	0.35	1.50	2.32	2.4	12.9	<0.05	8.0
F00005723	16.5	0.28	1.14	2.46	6.8	8.0	0.05	6.3
F00005724	19.3	0.34	1.24	2.55	1.8	10.7	<0.05	7.0
F00005725	1.0	0.02	0.10	0.10	<0.2	<0.2	<0.05	0.3
F00005726	13.3	0.25	0.88	2.44	147	4.6	0.07	5.2
F00005727	13.1	0.23	0.83	2.53	4.4	6.6	0.07	5.5
F00005728	13.6	0.24	0.98	2.32	5.9	6.7	0.07	5.6
F00005729	12.3	0.25	1.16	1.99	14.0	8.2	0.06	5.9
F00005730	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005731	16.1	0.27	1.10	2.49	4.6	8.8	<0.05	6.4
F00005732	15.3	0.24	1.03	2.12	5.1	7.8	<0.05	5.7
F00005733	11.7	0.26	1.32	2.02	1.5	6.7	<0.05	5.7
F00005734	11.4	0.27	1.29	1.99	1.5	6.7	<0.05	5.6
F00005735	13.5	0.28	1.19	2.23	1.3	7.8	<0.05	5.8
F00005736	18.1	0.34	1.34	2.00	1.8	6.9	<0.05	7.3
F00005737	16.1	0.38	1.58	2.26	1.6	10.1	<0.05	7.8
F00005738	17.8	0.39	1.35	2.31	1.1	12.2	<0.05	8.0
F00005739	16.6	0.25	1.18	2.20	2.7	5.8	<0.05	6.1
F00005740	19.5	0.25	1.08	1.77	4.2	15.5	<0.05	7.1

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@La	@Lu	@Mo	@Nb	@Pb	@Rb	@Sb	@Sc
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.1	0.01	0.05	0.05	0.2	0.2	0.05	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005741	21.8	0.30	1.15	1.99	1.3	13.3	<0.05	7.8
F00005742	17.2	0.26	1.57	1.78	3.8	7.5	<0.05	6.1

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Se	@Sn	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	1	0.3	0.05	0.02	0.05	0.1	0.02	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005701	<1	0.8	<0.05	0.88	0.23	1.9	0.03	0.25
F00005702	<1	1.2	<0.05	1.23	<0.05	2.2	0.04	0.23
F00005703	<1	1.4	<0.05	0.92	0.17	2.0	0.06	0.25
F00005704	<1	0.9	<0.05	0.71	0.24	1.5	0.03	0.18
F00005705	<1	0.8	<0.05	0.72	0.23	1.6	0.02	0.20
F00005706	<1	1.0	<0.05	1.53	<0.05	2.4	0.06	0.25
F00005707	<1	1.2	<0.05	1.23	0.06	2.3	0.05	0.25
F00005708	<1	1.5	<0.05	1.33	<0.05	2.4	0.08	0.27
F00005709	<1	1.1	<0.05	0.75	0.19	1.8	0.05	0.22
F00005710	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005711	<1	0.7	<0.05	0.59	0.27	1.5	0.03	0.20
F00005712	<1	1.7	<0.05	0.99	0.07	2.2	0.08	0.29
F00005713	<1	0.5	<0.05	0.51	1.73	1.2	0.02	0.15
F00005714	<1	1.1	<0.05	0.70	0.18	1.9	0.06	0.21
F00005715	<1	0.8	<0.05	0.56	1.57	1.4	0.03	0.15
F00005716	<1	1.6	<0.05	0.94	0.06	2.5	0.10	0.33
F00005717	<1	0.3	<0.05	0.45	0.61	1.1	<0.02	0.13
F00005718	<1	1.5	<0.05	1.02	0.17	2.2	0.08	0.24
F00005719	<1	1.1	<0.05	0.75	0.61	1.4	0.09	0.18
F00005720	<1	0.6	<0.05	0.72	1.22	1.6	0.02	0.22
F00005721	<1	0.6	<0.05	0.71	1.35	1.6	0.03	0.21
F00005722	<1	2.0	<0.05	1.04	0.05	2.1	0.11	0.24
F00005723	<1	1.3	<0.05	0.77	0.15	1.9	0.07	0.24
F00005724	<1	1.6	<0.05	0.90	<0.05	2.3	0.09	0.28
F00005725	<1	<0.3	<0.05	0.03	<0.05	<0.1	<0.02	0.09
F00005726	<1	1.0	<0.05	0.66	3.55	1.6	0.04	0.28
F00005727	<1	1.1	<0.05	0.64	0.24	1.5	0.05	0.21
F00005728	<1	1.1	<0.05	0.66	0.13	1.6	0.06	0.22
F00005729	<1	1.2	<0.05	0.65	0.09	1.5	0.07	0.20
F00005730	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00005731	<1	1.3	<0.05	0.78	<0.05	1.9	0.08	0.22
F00005732	<1	1.2	<0.05	0.71	<0.05	1.7	0.06	0.19
F00005733	<1	1.0	<0.05	0.66	<0.05	1.5	0.06	0.21
F00005734	<1	1.0	<0.05	0.65	<0.05	1.4	0.05	0.21
F00005735	<1	1.1	<0.05	0.72	<0.05	1.6	0.06	0.24
F00005736	<1	1.5	<0.05	0.92	0.12	1.9	0.05	0.24
F00005737	<1	1.7	<0.05	0.93	<0.05	2.0	0.08	0.30
F00005738	<1	1.9	<0.05	0.97	<0.05	2.0	0.10	0.29
F00005739	<1	1.1	<0.05	0.81	<0.05	1.8	0.05	0.21
F00005740	<1	2.0	<0.05	0.77	0.51	2.0	0.14	0.28

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@Se	@Sn	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	1	0.3	0.05	0.02	0.05	0.1	0.02	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
F00005741	<1	1.9	<0.05	0.91	0.62	2.1	0.11	0.32
F00005742	<1	1.3	<0.05	0.82	0.21	1.6	0.06	0.19

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@W	@Y	@Yb
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.1	0.05	0.1
Units	ppm	ppm	ppm
F00005701	11.9	16.8	2.0
F00005702	67.9	25.1	2.7
F00005703	25.8	18.4	2.2
F00005704	48.0	13.6	1.6
F00005705	11.5	13.8	1.7
F00005706	1.3	30.9	3.1
F00005707	6.5	25.4	2.7
F00005708	1.0	28.0	3.1
F00005709	5.4	13.9	1.7
F00005710	N.A.	N.A.	N.A.
F00005711	10.8	11.0	1.4
F00005712	3.8	18.7	2.4
F00005713	10.8	9.37	1.1
F00005714	6.6	12.9	1.6
F00005715	6.0	9.79	1.1
F00005716	2.5	19.3	2.5
F00005717	15.2	8.03	0.9
F00005718	112	19.8	2.3
F00005719	4.2	15.9	1.9
F00005720	5.9	14.4	1.7
F00005721	4.2	14.4	1.7
F00005722	1.7	19.9	2.4
F00005723	6.7	14.9	1.9
F00005724	4.7	17.8	2.3
F00005725	0.2	2.08	0.1
F00005726	5.5	13.3	1.7
F00005727	3.8	12.9	1.6
F00005728	3.5	13.2	1.6
F00005729	3.3	14.1	1.7
F00005730	N.A.	N.A.	N.A.
F00005731	2.4	15.4	1.8
F00005732	3.0	13.4	1.6
F00005733	1.5	14.5	1.8
F00005734	1.7	14.2	1.8
F00005735	2.3	15.4	1.9
F00005736	0.9	19.2	2.3
F00005737	1.7	21.4	2.6
F00005738	1.0	21.1	2.7
F00005739	1.4	16.0	1.7
F00005740	4.8	14.6	1.7

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 : VC171633R Order: Goldlund Project 182 samples

Report File No.: 0000023398

Element	@W	@Y	@Yb
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B
Det.Lim.	0.1	0.05	0.1
Units	ppm	ppm	ppm
F00005741	3.1	17.2	2.0
F00005742	1.4	16.4	1.8

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 .