Certificate of Analysis
Work Order : VC170648R
[Report File No.: 0000022120]

Date: April 28, 2017

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

P.O. No.: Goldlund Project 236 samples
Project No.: -
Samples: 70
Received: Mar 7, 2017
Pages: Page 1 to 15
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
70	DUPS	
67	GE_IC14A	Aqua Regia digestion/ICP-AES finish
67	GE_IC14M	Aqua Regia digestion/ICP-MS finish
2	GE_CSA06V	Total Sulfur and Total Carbon, Leco Method

Storage: Pulp & Reject

REJECT STORAGE	:	STORE
PULP STORAGE	:	STORE

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

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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	%	%
F00012225	0.06	4.03	25	3.56	67	93.6	10.1	0.04
F00012226	0.07	4.03	20	3.52	68	98.9	9.92	0.02
F00012227	0.06	3.93	19	3.39	68	98.2	9.83	0.02
F00012228	0.08	3.27	83	7.04	66	89.6	9.09	0.03
F00012229	0.06	3.42	19	4.64	81	90.6	9.68	<0.01
F00012230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012231	0.05	3.64	18	5.84	63	86.6	9.33	0.01
F00012232	0.06	3.90	19	4.26	65	87.2	9.60	0.02
F00012233	0.06	3.90	19	4.35	62	90.0	9.74	0.01
F00012234	0.09	4.22	20	4.28	67	91.8	10.1	0.02
F00012235	<0.01	0.03	13	>15.0	<1	1.7	0.08	<0.01
F00012236	0.05	3.86	18	4.62	61	84.4	9.63	0.02
F00012237	0.07	3.41	18	4.83	58	89.5	9.61	<0.01
F00012251	0.12	0.99	54	1.96	8	126	3.86	0.19
F00012252	0.02	1.27	41	1.66	8	21.7	4.23	0.22
F00012253	0.05	1.06	39	2.01	10	2.7	4.14	0.23
F00012254	11.3	0.89	32	1.78	9	13.2	3.97	0.13
F00012255	0.02	1.28	69	1.75	12	2.8	4.32	0.33
F00012256	0.04	0.90	38	1.72	8	14.0	4.24	0.18
F00012257	0.07	1.04	35	1.78	12	27.6	4.33	0.19
F00012258	0.05	1.03	43	2.23	8	6.9	4.12	0.17
F00012259	0.04	1.09	72	1.42	11	15.4	3.96	0.27
F00012260	0.03	0.88	57	1.51	8	2.2	4.33	0.19
F00012261	0.05	0.90	37	1.92	9	28.3	4.20	0.13
F00012262	0.17	1.21	45	1.92	10	7.0	4.48	0.21
F00012263	0.06	0.51	72	1.69	11	6.5	4.56	0.12
F00012264	0.81	0.29	70	2.13	8	5.8	4.86	0.12
F00012265	0.15	0.30	80	2.09	11	16.9	4.66	0.13
F00012266	0.07	0.25	77	2.06	12	9.5	4.92	0.11
F00012267	0.05	0.25	130	1.96	11	15.0	4.63	0.11
F00012268	0.19	0.16	28	2.25	12	8.0	4.59	0.04
F00012269	0.11	0.45	27	1.66	9	22.3	5.12	0.06
F00012270	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012271	0.02	1.19	72	2.28	9	4.8	4.67	0.21
F00012272	0.17	0.84	31	1.91	12	4.2	4.40	0.08
F00012273	0.10	0.74	52	1.79	14	13.3	4.53	0.11
F00012274	0.12	0.70	54	1.76	13	11.2	4.48	0.11
F00012275	<0.01	0.02	12	>15.0	<1	<0.5	0.06	<0.01
F00012276	0.01	1.14	84	1.88	12	3.5	4.81	0.22
F00012277	0.04	1.10	87	1.59	11	5.0	4.83	0.26

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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	%	%
F00012278	0.16	0.32	49	1.77	12	13.6	4.58	0.13
F00012279	0.13	0.20	44	1.75	11	12.2	4.32	0.07
F00012280	0.03	0.50	124	2.01	11	5.5	4.82	0.25
F00012281	0.07	0.74	104	2.35	9	13.3	5.14	0.26
F00012282	0.07	0.28	47	1.83	10	21.4	4.40	0.12
F00012283	0.04	0.70	54	1.76	11	6.3	4.60	0.15
F00012284	0.09	0.76	57	1.73	11	7.5	4.35	0.15
F00012285	0.05	0.36	66	1.99	10	1.8	4.44	0.15
F00012286	10.2	1.02	51	1.51	10	10.4	10.1	0.10
F00012287	4.81	1.10	44	1.63	8	11.8	10.1	0.09
F00012288	0.18	0.71	59	1.85	10	5.5	5.24	0.15
F00012289	0.08	1.34	58	1.68	11	16.6	4.90	0.26
F00012290	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012291	0.09	0.80	68	2.20	11	16.0	4.41	0.23
F00012292	0.05	1.10	97	1.62	12	13.8	4.43	0.25
F00012293	0.22	0.44	55	2.40	8	12.1	5.02	0.14
F00012294	0.22	0.79	105	2.66	12	11.2	4.74	0.19
F00012295	0.04	0.79	74	2.50	13	12.7	5.03	0.18
F00012296	0.08	0.89	39	2.81	12	15.5	5.27	0.11
F00012297	0.02	1.87	42	3.22	11	7.5	5.50	0.13
F00012298	0.02	1.53	148	3.11	13	72.4	5.62	0.41
F00012299	0.12	1.81	650	2.92	28	50.3	4.89	0.91
F00012300	0.10	1.84	663	2.83	28	47.2	5.08	0.89
F00012301	0.03	1.62	515	3.01	21	30.3	4.32	0.92
F00012302	0.07	3.94	80	5.92	86	91.2	9.84	0.26
F00012303	0.05	3.99	126	5.05	72	84.4	9.68	0.52
F00012304	0.06	3.54	144	5.61	82	84.7	9.64	0.40
F00012305	0.02	0.03	14	>15.0	<1	1.5	0.09	<0.01
F00012306	0.06	3.92	47	5.55	83	79.7	9.66	0.08
F00012307	0.05	3.45	65	5.22	68	81.3	9.43	0.15

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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
F00012225	37	3.10	893	0.04	36.7	0.07	0.09	33.6
F00012226	39	3.02	898	0.04	38.7	0.08	0.10	32.6
F00012227	37	3.00	884	0.04	38.4	0.08	0.10	29.0
F00012228	25	2.38	1200	0.04	39.6	0.07	0.52	44.0
F00012229	25	2.38	1130	0.05	51.1	0.07	0.12	32.4
F00012230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012231	26	2.47	1230	0.03	37.2	0.06	0.11	47.1
F00012232	32	2.74	1180	0.04	33.9	0.07	0.06	32.7
F00012233	30	2.77	1180	0.04	33.4	0.07	0.08	34.6
F00012234	32	3.07	1210	0.03	41.0	0.07	0.12	31.4
F00012235	1	0.71	111	0.01	<0.5	<0.01	<0.01	79.5
F00012236	32	2.71	1060	0.04	34.3	0.07	0.07	36.0
F00012237	28	2.18	982	0.05	32.2	0.07	0.12	31.6
F00012251	8	0.63	350	0.08	1.7	0.04	0.16	45.8
F00012252	12	0.58	333	0.08	1.5	0.05	0.02	23.4
F00012253	10	0.60	362	0.08	1.6	0.04	0.14	42.6
F00012254	7	0.50	335	0.08	1.4	0.04	0.42	39.5
F00012255	13	0.58	328	0.09	1.8	0.05	0.03	20.1
F00012256	9	0.50	330	0.08	1.5	0.05	0.28	36.5
F00012257	9	0.51	352	0.09	1.7	0.05	0.08	32.7
F00012258	8	0.54	345	0.08	1.8	0.05	0.09	41.4
F00012259	10	0.50	296	0.08	2.0	0.04	0.02	18.8
F00012260	10	0.62	337	0.09	1.6	0.05	0.21	41.0
F00012261	8	0.55	381	0.09	1.7	0.05	0.19	46.2
F00012262	11	0.58	379	0.09	1.5	0.05	0.10	34.9
F00012263	7	0.55	387	0.09	1.6	0.06	0.28	56.7
F00012264	6	0.58	465	0.10	2.4	0.06	0.82	87.7
F00012265	6	0.59	457	0.10	1.9	0.06	0.57	85.6
F00012266	5	0.55	471	0.10	1.7	0.06	0.65	106
F00012267	5	0.56	430	0.10	1.6	0.06	0.34	105
F00012268	3	0.52	451	0.09	1.7	0.08	1.08	133
F00012269	5	0.46	350	0.09	2.7	0.06	1.04	72.2
F00012270	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012271	12	0.68	400	0.09	2.1	0.06	0.06	47.2
F00012272	9	0.61	409	0.09	1.8	0.05	0.32	58.5
F00012273	8	0.63	396	0.08	1.8	0.05	0.37	61.5
F00012274	7	0.63	391	0.08	1.9	0.05	0.35	60.7
F00012275	1	0.52	109	0.01	<0.5	<0.01	<0.01	86.8
F00012276	15	0.65	355	0.10	1.6	0.06	0.05	37.9
F00012277	15	0.64	359	0.09	1.6	0.06	0.06	26.2

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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
F00012278	5	0.57	395	0.09	2.2	0.06	0.73	84.7
F00012279	4	0.59	440	0.10	1.8	0.05	0.80	102
F00012280	11	0.76	474	0.10	1.5	0.06	0.15	82.4
F00012281	15	0.85	485	0.10	1.9	0.06	0.24	74.8
F00012282	5	0.66	413	0.09	1.5	0.06	0.45	95.0
F00012283	11	0.68	408	0.09	1.6	0.06	0.16	59.0
F00012284	10	0.66	382	0.09	1.4	0.06	0.29	63.3
F00012285	5	0.67	449	0.10	1.5	0.06	0.69	92.1
F00012286	15	0.56	337	0.10	2.5	0.06	>5.00	35.2
F00012287	16	0.60	348	0.09	2.2	0.06	>5.00	37.3
F00012288	12	0.69	400	0.09	1.7	0.06	1.57	76.2
F00012289	15	0.72	387	0.09	1.2	0.06	0.09	32.7
F00012290	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012291	9	0.77	436	0.06	1.9	0.06	0.20	45.3
F00012292	14	0.70	358	0.06	1.9	0.06	0.15	27.4
F00012293	7	0.90	528	0.08	2.2	0.06	1.27	112
F00012294	11	0.88	483	0.07	2.9	0.06	0.11	71.6
F00012295	11	0.84	468	0.07	3.3	0.07	0.30	70.9
F00012296	15	1.05	559	0.06	3.5	0.07	0.35	92.0
F00012297	21	1.16	625	0.05	3.5	0.07	0.07	56.1
F00012298	21	1.18	673	0.06	4.6	0.07	0.12	70.3
F00012299	31	1.10	526	0.07	14.3	0.09	0.10	79.2
F00012300	31	1.12	529	0.07	13.9	0.09	0.10	74.7
F00012301	29	0.95	606	0.06	10.8	0.09	0.07	77.2
F00012302	43	2.84	1060	0.03	54.0	0.06	0.13	144
F00012303	54	2.87	1180	0.03	43.1	0.07	0.08	119
F00012304	31	2.47	1030	0.03	51.4	0.07	0.19	92.2
F00012305	<1	0.96	112	<0.01	0.9	<0.01	<0.01	74.9
F00012306	32	2.72	1130	0.02	50.4	0.07	0.13	69.2
F00012307	25	2.43	1090	0.03	43.2	0.07	0.12	56.3

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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
F00012225	0.20	253	111	6.4	<1	0.1	<0.02	0.18
F00012226	0.20	252	129	5.8	<1	0.1	<0.02	0.15
F00012227	0.17	253	129	5.6	<1	0.1	<0.02	0.15
F00012228	0.16	267	166	6.4	<1	0.1	<0.02	0.76
F00012229	0.18	271	155	6.1	<1	<0.1	<0.02	0.18
F00012230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012231	0.15	241	116	6.4	<1	<0.1	<0.02	0.18
F00012232	0.17	291	128	6.1	<1	<0.1	<0.02	0.16
F00012233	0.16	278	141	5.6	<1	<0.1	<0.02	0.21
F00012234	0.15	291	131	6.7	<1	<0.1	<0.02	0.17
F00012235	<0.01	<1	1	<0.5	<1	<0.1	<0.02	0.01
F00012236	0.16	279	138	5.2	<1	0.2	<0.02	0.14
F00012237	0.20	293	134	6.8	<1	0.2	<0.02	0.12
F00012251	0.09	23	39	73.3	<1	0.4	0.08	0.14
F00012252	0.10	19	27	62.1	<1	0.5	<0.02	0.03
F00012253	0.10	22	26	69.3	<1	0.4	0.06	0.03
F00012254	0.08	21	32	67.3	<1	0.4	10.8	0.11
F00012255	0.11	22	31	80.8	<1	0.3	<0.02	0.04
F00012256	0.09	20	26	63.2	<1	0.4	0.34	0.06
F00012257	0.09	21	31	62.7	<1	0.3	<0.02	0.06
F00012258	0.08	21	40	90.7	<1	0.2	0.03	0.10
F00012259	0.09	19	33	79.9	<1	0.2	<0.02	0.06
F00012260	0.09	22	36	68.2	<1	0.5	0.02	0.06
F00012261	0.09	19	35	80.9	<1	0.6	0.03	0.07
F00012262	0.10	19	44	97.0	<1	0.4	0.41	0.08
F00012263	0.09	32	33	70.8	<1	0.7	0.06	0.08
F00012264	0.06	32	27	66.7	<1	0.4	0.63	0.08
F00012265	0.06	32	30	69.7	<1	0.4	0.48	0.09
F00012266	0.06	37	25	70.4	<1	0.6	0.03	0.09
F00012267	0.07	33	26	57.0	<1	0.4	0.02	0.09
F00012268	0.05	29	19	66.0	<1	0.1	0.14	0.09
F00012269	0.07	56	22	51.3	<1	0.2	0.08	0.07
F00012270	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012271	0.09	24	41	87.8	<1	0.7	<0.02	0.09
F00012272	0.07	23	41	50.7	<1	0.5	0.09	0.08
F00012273	0.08	29	137	56.0	<1	0.5	0.05	0.56
F00012274	0.08	29	146	60.5	<1	0.6	0.06	0.59
F00012275	<0.01	<1	<1	<0.5	<1	<0.1	<0.02	0.01
F00012276	0.11	30	51	88.1	<1	0.8	<0.02	0.09
F00012277	0.12	25	49	81.6	<1	0.6	<0.02	0.08

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012278	0.06	31	28	50.1	<1	0.4	0.06	0.08
F00012279	0.05	30	21	39.8	<1	0.3	0.12	0.09
F00012280	0.09	32	38	61.8	<1	0.5	<0.02	0.13
F00012281	0.10	31	38	66.5	<1	0.7	<0.02	0.12
F00012282	0.07	34	27	46.5	<1	0.5	0.03	0.12
F00012283	0.09	29	43	62.1	<1	0.7	<0.02	0.09
F00012284	0.08	32	75	68.0	<1	0.7	0.03	0.18
F00012285	0.07	28	28	56.1	<1	0.5	0.04	0.08
F00012286	0.07	20	47	59.8	2	0.4	3.63	0.06
F00012287	0.07	20	53	59.3	2	0.5	1.52	0.08
F00012288	0.08	28	34	56.4	<1	0.5	0.12	0.06
F00012289	0.11	26	47	71.7	<1	0.3	<0.02	0.06
F00012290	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012291	0.09	27	124	59.5	<1	0.3	<0.02	0.62
F00012292	0.11	24	105	74.0	2	0.4	0.04	0.32
F00012293	0.08	30	37	48.7	2	0.3	0.25	0.11
F00012294	0.11	43	45	64.8	<1	0.4	<0.02	0.11
F00012295	0.10	41	52	68.8	<1	0.5	<0.02	0.11
F00012296	0.09	51	45	46.6	<1	0.6	0.08	0.11
F00012297	0.11	51	44	46.7	<1	0.4	<0.02	0.09
F00012298	0.14	61	48	54.9	<1	0.6	<0.02	0.09
F00012299	0.18	128	98	61.4	<1	0.5	0.17	0.14
F00012300	0.18	130	97	63.3	<1	0.5	0.17	0.13
F00012301	0.16	87	76	68.0	<1	0.3	0.12	0.09
F00012302	0.17	299	129	8.7	<1	0.2	0.06	0.28
F00012303	0.20	305	124	11.3	<1	0.3	0.03	0.20
F00012304	0.18	303	141	19.5	<1	0.2	0.07	0.23
F00012305	<0.01	1	1	<0.5	<1	<0.1	<0.02	0.01
F00012306	0.16	311	139	9.8	<1	0.2	0.04	0.25
F00012307	0.16	299	112	8.0	<1	0.1	<0.02	0.19

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012225	7.74	37.4	0.24	15.5	0.4	0.08	<0.01	<0.02
F00012226	8.58	38.7	0.18	15.2	0.3	0.07	<0.01	<0.02
F00012227	8.32	38.2	0.18	15.1	0.3	0.06	<0.01	<0.02
F00012228	7.90	37.1	0.20	14.0	0.3	0.07	<0.01	0.02
F00012229	7.83	41.9	0.11	15.3	0.3	0.08	<0.01	0.03
F00012230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012231	8.04	35.0	0.14	14.7	0.4	0.07	<0.01	0.03
F00012232	9.69	36.2	0.15	16.1	0.3	0.08	<0.01	0.04
F00012233	9.16	37.6	0.16	16.2	0.3	0.08	<0.01	0.03
F00012234	8.82	39.9	0.24	16.7	0.4	0.06	<0.01	0.03
F00012235	0.79	0.6	<0.05	<0.1	<0.1	<0.05	<0.01	<0.02
F00012236	9.65	35.6	0.41	16.7	0.3	0.07	<0.01	0.04
F00012237	12.5	34.6	0.20	16.3	0.4	0.09	<0.01	0.05
F00012251	63.6	5.1	0.56	11.1	0.1	2.32	<0.01	0.08
F00012252	79.1	5.3	0.46	12.8	0.2	1.95	<0.01	0.07
F00012253	68.8	5.0	0.60	11.5	0.2	2.13	<0.01	0.07
F00012254	62.8	5.1	0.30	9.8	0.1	2.03	0.01	0.08
F00012255	75.9	5.5	0.38	13.4	0.2	2.37	0.01	0.08
F00012256	70.4	5.4	0.62	10.7	0.1	1.99	<0.01	0.08
F00012257	74.6	5.2	0.32	11.1	0.1	1.97	0.01	0.08
F00012258	65.9	4.9	0.31	9.9	0.1	2.57	0.02	0.07
F00012259	68.1	5.1	0.45	10.6	0.2	2.38	<0.01	0.07
F00012260	65.1	5.1	1.21	11.1	0.2	2.14	<0.01	0.09
F00012261	71.0	4.9	0.43	11.3	0.1	2.44	<0.01	0.08
F00012262	74.1	5.5	0.49	12.1	0.2	2.96	<0.01	0.07
F00012263	59.9	4.9	0.90	8.5	0.1	2.27	<0.01	0.09
F00012264	42.3	5.3	1.00	5.8	0.1	2.10	0.01	0.08
F00012265	42.6	5.4	1.16	5.9	0.1	2.14	0.04	0.11
F00012266	39.2	6.2	0.99	5.3	<0.1	2.17	0.01	0.09
F00012267	37.3	5.5	0.92	5.3	0.1	1.81	0.01	0.08
F00012268	23.3	6.8	0.38	3.8	<0.1	2.09	0.14	0.06
F00012269	31.6	4.2	0.43	7.5	0.1	1.60	0.06	0.08
F00012270	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012271	66.5	5.7	1.02	13.0	0.2	2.64	<0.01	0.08
F00012272	47.2	5.4	0.45	9.9	0.1	1.61	<0.01	0.07
F00012273	43.7	5.5	0.75	9.4	0.2	1.79	<0.01	0.16
F00012274	44.9	5.4	0.72	9.4	0.1	1.92	<0.01	0.15
F00012275	0.82	0.6	<0.05	<0.1	<0.1	<0.05	<0.01	<0.02
F00012276	64.8	6.1	0.98	13.4	0.2	2.57	<0.01	0.09
F00012277	66.4	5.6	1.03	12.1	0.1	2.40	<0.01	0.08

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012278	32.6	5.7	1.13	5.9	<0.1	1.53	0.01	0.07
F00012279	26.6	5.3	0.60	4.2	<0.1	1.30	<0.01	0.07
F00012280	44.3	5.5	2.04	8.6	0.1	2.00	<0.01	0.09
F00012281	48.5	5.9	2.12	10.7	0.2	2.05	<0.01	0.11
F00012282	34.4	5.2	1.03	6.0	<0.1	1.59	0.06	0.08
F00012283	46.9	5.6	1.15	10.7	0.2	1.96	0.08	0.10
F00012284	44.0	5.1	1.17	9.6	0.1	2.14	0.02	0.09
F00012285	33.8	5.2	1.19	6.1	<0.1	1.79	0.02	0.07
F00012286	45.8	8.1	0.41	10.2	0.2	1.74	0.05	0.08
F00012287	47.7	7.9	0.35	10.7	0.2	1.67	0.02	0.08
F00012288	37.8	7.8	1.11	8.9	0.1	1.60	<0.01	0.08
F00012289	66.2	5.8	0.76	13.3	0.2	2.16	<0.01	0.09
F00012290	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012291	60.0	6.0	1.07	11.4	0.2	1.85	<0.01	0.15
F00012292	66.5	6.1	0.95	13.1	0.1	2.15	<0.01	0.11
F00012293	38.9	5.8	1.13	7.0	<0.1	1.43	<0.01	0.10
F00012294	57.9	6.7	1.23	11.9	0.2	1.94	<0.01	0.11
F00012295	53.0	8.0	1.50	11.2	0.1	1.98	<0.01	0.10
F00012296	47.4	8.8	0.88	12.1	0.1	1.40	<0.01	0.11
F00012297	60.3	9.6	0.47	16.6	0.2	1.39	<0.01	0.10
F00012298	56.9	10.6	1.54	16.2	0.2	1.62	<0.01	0.14
F00012299	74.0	18.2	3.92	13.4	0.2	1.73	<0.01	0.06
F00012300	73.8	18.0	3.85	13.7	0.2	1.73	<0.01	0.07
F00012301	78.2	15.0	3.08	11.8	0.1	1.83	<0.01	0.05
F00012302	16.3	43.2	1.00	17.9	0.3	0.18	<0.01	0.09
F00012303	17.2	41.8	2.02	18.9	0.3	0.23	<0.01	0.09
F00012304	15.7	42.3	1.73	17.1	0.3	0.47	<0.01	0.08
F00012305	1.06	0.6	<0.05	0.1	<0.1	<0.05	<0.01	<0.02
F00012306	16.3	43.1	0.43	18.4	0.2	0.22	<0.01	0.09
F00012307	16.4	40.1	0.66	17.7	0.2	0.14	<0.01	0.08

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012225	2.8	0.18	0.51	0.14	0.6	1.0	0.12	9.0
F00012226	3.2	0.18	0.45	0.12	0.5	0.5	0.10	8.5
F00012227	3.1	0.18	0.50	0.11	0.6	0.5	0.10	8.0
F00012228	2.9	0.21	0.64	0.12	3.1	0.9	0.09	9.4
F00012229	2.8	0.22	0.57	0.12	0.7	0.2	0.07	10.6
F00012230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012231	2.9	0.22	0.48	0.10	0.8	0.3	0.07	13.5
F00012232	3.5	0.25	0.50	0.10	0.6	0.4	<0.05	18.1
F00012233	3.3	0.24	0.47	0.09	1.8	0.4	0.06	14.1
F00012234	3.2	0.24	0.50	0.10	0.9	0.7	0.07	13.8
F00012235	0.9	0.02	0.08	<0.05	0.5	<0.2	<0.05	0.3
F00012236	3.4	0.23	0.39	0.09	1.1	0.9	0.08	14.5
F00012237	4.6	0.25	0.47	0.12	1.1	0.4	0.06	18.6
F00012251	18.6	0.37	1.06	1.44	7.4	7.0	0.06	5.1
F00012252	23.0	0.41	1.19	1.76	1.1	7.7	<0.05	4.8
F00012253	20.3	0.41	1.25	1.70	2.5	8.9	<0.05	4.7
F00012254	18.2	0.38	1.69	1.66	808	4.9	0.11	4.2
F00012255	22.0	0.53	1.60	1.61	2.1	9.3	<0.05	5.7
F00012256	20.6	0.44	1.52	1.75	1.8	7.1	<0.05	4.8
F00012257	21.6	0.49	1.69	1.76	2.6	6.5	<0.05	4.5
F00012258	19.6	0.47	0.91	1.46	7.8	5.8	0.06	4.4
F00012259	20.2	0.53	1.37	1.49	1.4	9.1	0.06	4.2
F00012260	19.0	0.36	1.17	1.91	3.7	8.8	<0.05	6.0
F00012261	20.9	0.43	1.67	1.65	3.2	4.6	0.06	5.1
F00012262	21.7	0.53	1.47	1.60	23.3	8.0	0.06	5.4
F00012263	18.0	0.32	2.50	1.90	3.5	6.4	0.05	6.3
F00012264	15.4	0.25	1.39	1.05	22.0	6.1	<0.05	5.7
F00012265	15.8	0.27	1.52	0.88	32.7	7.3	<0.05	5.8
F00012266	14.8	0.27	1.16	0.75	3.6	6.1	<0.05	5.5
F00012267	13.8	0.24	0.98	1.39	2.7	5.6	<0.05	5.6
F00012268	8.4	0.24	1.02	1.21	5.6	2.3	<0.05	3.9
F00012269	11.4	0.26	1.04	2.09	4.4	3.1	0.05	4.5
F00012270	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012271	20.0	0.46	1.45	1.33	1.3	9.3	0.05	7.4
F00012272	16.8	0.30	1.42	1.15	2.9	3.8	0.07	5.8
F00012273	15.9	0.29	2.31	1.30	3.4	5.5	0.12	6.8
F00012274	16.3	0.29	2.21	1.37	3.3	5.4	0.14	6.8
F00012275	0.9	0.02	0.12	0.06	1.0	<0.2	<0.05	0.3
F00012276	19.0	0.47	1.33	1.32	1.2	9.6	<0.05	7.9
F00012277	19.2	0.47	1.31	1.42	1.2	10.6	<0.05	6.4

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012278	11.8	0.21	1.14	0.99	2.4	6.6	<0.05	5.4
F00012279	9.6	0.18	0.90	1.29	3.6	3.7	<0.05	4.5
F00012280	15.8	0.26	1.24	1.09	1.9	13.0	<0.05	8.0
F00012281	17.5	0.31	1.25	1.65	1.9	14.3	0.06	8.4
F00012282	12.3	0.21	1.51	1.59	2.4	6.5	0.08	5.7
F00012283	16.9	0.32	1.45	1.35	1.9	8.0	0.05	7.7
F00012284	16.1	0.31	1.60	1.50	8.3	8.1	<0.05	6.9
F00012285	12.1	0.23	1.33	1.53	2.1	7.9	<0.05	6.1
F00012286	16.5	0.32	1.17	1.75	22.0	4.2	0.11	5.5
F00012287	16.9	0.34	0.95	1.68	12.9	3.8	0.11	5.7
F00012288	13.4	0.24	1.22	1.76	2.7	7.8	<0.05	6.6
F00012289	19.9	0.40	1.29	1.16	1.5	10.1	0.06	6.8
F00012290	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012291	21.3	0.32	2.08	1.56	15.9	9.7	0.11	6.5
F00012292	23.7	0.43	1.68	1.84	7.2	10.1	0.06	6.7
F00012293	14.4	0.23	1.01	2.75	5.1	7.4	<0.05	6.4
F00012294	21.1	0.36	1.69	1.78	2.0	8.7	0.11	9.0
F00012295	19.1	0.34	1.74	1.79	2.0	8.9	0.05	9.1
F00012296	17.3	0.31	0.94	1.21	2.8	5.3	0.08	9.5
F00012297	21.4	0.39	0.94	0.71	1.2	4.2	<0.05	10.5
F00012298	20.1	0.40	1.46	0.97	1.3	13.1	0.05	12.7
F00012299	31.3	0.28	1.65	0.58	12.4	32.4	0.10	12.5
F00012300	31.0	0.29	1.65	0.55	12.4	32.2	0.09	12.6
F00012301	33.4	0.30	2.91	0.57	7.6	34.3	0.08	8.7
F00012302	5.8	0.28	0.67	0.09	3.6	7.9	0.07	26.6
F00012303	6.3	0.26	0.66	0.10	2.9	16.3	0.05	28.8
F00012304	5.7	0.28	17.0	0.11	3.6	13.6	0.07	24.6
F00012305	1.1	0.02	0.09	<0.05	0.5	0.3	<0.05	0.4
F00012306	5.8	0.34	0.59	0.06	2.7	2.9	0.07	25.3
F00012307	5.9	0.35	0.64	0.10	2.3	5.5	0.09	23.6

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012225	<1	<0.3	<0.05	0.30	<0.05	0.3	<0.02	<0.05
F00012226	<1	<0.3	<0.05	0.35	<0.05	0.3	<0.02	<0.05
F00012227	<1	<0.3	<0.05	0.35	<0.05	0.3	<0.02	<0.05
F00012228	<1	0.4	<0.05	0.31	<0.05	0.3	<0.02	<0.05
F00012229	<1	0.4	<0.05	0.32	<0.05	0.3	<0.02	<0.05
F00012230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012231	<1	0.5	<0.05	0.33	<0.05	0.3	<0.02	<0.05
F00012232	<1	0.5	<0.05	0.41	<0.05	0.3	<0.02	<0.05
F00012233	<1	0.4	<0.05	0.38	<0.05	0.3	<0.02	<0.05
F00012234	<1	0.4	<0.05	0.35	<0.05	0.3	<0.02	<0.05
F00012235	<1	<0.3	<0.05	0.03	<0.05	<0.1	<0.02	0.09
F00012236	<1	0.4	<0.05	0.40	<0.05	0.4	<0.02	0.05
F00012237	<1	0.7	<0.05	0.49	<0.05	0.5	<0.02	0.07
F00012251	<1	1.1	<0.05	1.06	0.06	2.2	0.05	0.25
F00012252	<1	1.4	<0.05	1.43	<0.05	2.7	0.05	0.24
F00012253	<1	1.3	<0.05	1.32	0.83	2.4	0.06	0.25
F00012254	1	0.8	<0.05	1.24	16.2	2.2	0.04	0.22
F00012255	<1	1.8	<0.05	1.79	<0.05	2.8	0.05	0.28
F00012256	<1	1.2	<0.05	1.52	0.26	2.4	0.05	0.24
F00012257	<1	1.0	<0.05	1.72	<0.05	2.7	0.04	0.29
F00012258	<1	1.1	<0.05	1.35	0.08	2.5	0.05	0.29
F00012259	<1	1.2	<0.05	1.63	<0.05	2.6	0.06	0.28
F00012260	<1	1.2	<0.05	1.10	<0.05	2.2	0.07	0.25
F00012261	<1	1.0	<0.05	1.32	<0.05	2.5	0.03	0.27
F00012262	<1	1.0	<0.05	1.61	0.42	2.7	0.05	0.36
F00012263	<1	1.5	<0.05	0.88	0.16	1.9	0.05	0.28
F00012264	<1	0.9	<0.05	0.62	10.2	1.6	0.05	0.32
F00012265	<1	0.9	<0.05	0.62	3.99	1.6	0.05	0.25
F00012266	<1	0.7	<0.05	0.59	0.25	1.5	0.05	0.32
F00012267	<1	1.2	<0.05	0.59	0.09	1.5	0.05	0.23
F00012268	<1	0.3	<0.05	0.50	1.56	1.2	<0.02	0.24
F00012269	<1	0.7	<0.05	0.69	1.00	1.4	0.02	0.23
F00012270	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012271	<1	1.4	<0.05	1.28	<0.05	2.4	0.06	0.37
F00012272	<1	0.8	<0.05	0.95	0.86	1.9	0.03	0.20
F00012273	<1	1.5	<0.05	0.81	0.36	1.7	0.04	0.22
F00012274	<1	1.4	<0.05	0.82	0.35	1.8	0.04	0.23
F00012275	<1	<0.3	<0.05	0.03	<0.05	<0.1	<0.02	0.07
F00012276	<1	1.7	<0.05	1.28	<0.05	2.4	0.07	0.39
F00012277	<1	1.4	<0.05	1.36	<0.05	2.5	0.07	0.32

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

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
F00012278	<1	1.0	<0.05	0.54	0.57	1.4	0.05	0.20
F00012279	<1	0.6	<0.05	0.49	1.01	1.3	0.03	0.18
F00012280	<1	1.8	<0.05	0.72	<0.05	1.9	0.10	0.21
F00012281	<1	2.3	<0.05	0.90	<0.05	1.9	0.11	0.22
F00012282	<1	1.1	<0.05	0.60	0.22	1.6	0.05	0.18
F00012283	<1	1.7	<0.05	0.93	<0.05	2.0	0.06	0.25
F00012284	<1	1.7	<0.05	0.89	0.18	1.9	0.07	0.24
F00012285	<1	1.2	<0.05	0.60	0.19	1.6	0.06	0.20
F00012286	2	1.5	<0.05	1.03	45.7	2.0	0.04	0.18
F00012287	3	1.3	<0.05	1.08	19.3	2.1	0.04	0.19
F00012288	<1	1.5	<0.05	0.71	1.10	1.7	0.06	0.19
F00012289	<1	2.0	<0.05	1.24	<0.05	2.5	0.07	0.22
F00012290	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
F00012291	<1	1.8	<0.05	1.04	<0.05	2.3	0.08	0.23
F00012292	<1	1.5	<0.05	1.43	0.07	2.6	0.07	0.24
F00012293	<1	1.1	<0.05	0.69	2.18	1.6	0.07	0.22
F00012294	<1	2.6	<0.05	1.02	<0.05	2.1	0.07	0.24
F00012295	<1	1.7	<0.05	0.90	<0.05	2.0	0.08	0.25
F00012296	<1	1.1	<0.05	0.93	0.31	1.8	0.06	0.22
F00012297	<1	1.1	<0.05	1.32	<0.05	2.3	0.03	0.24
F00012298	<1	2.1	<0.05	1.15	<0.05	2.1	0.09	0.25
F00012299	<1	1.1	<0.05	0.93	<0.05	6.6	0.28	1.35
F00012300	<1	1.2	<0.05	0.95	<0.05	6.6	0.27	1.34
F00012301	<1	0.9	<0.05	0.94	<0.05	7.3	0.29	1.58
F00012302	<1	1.1	<0.05	0.76	<0.05	0.5	0.06	0.07
F00012303	<1	1.0	<0.05	0.74	<0.05	0.5	0.12	0.09
F00012304	<1	0.8	<0.05	0.68	<0.05	0.8	0.10	0.27
F00012305	<1	<0.3	<0.05	0.04	<0.05	<0.1	<0.02	0.11
F00012306	<1	0.6	<0.05	0.75	<0.05	0.5	0.02	0.09
F00012307	<1	0.8	<0.05	0.72	<0.05	0.5	0.04	0.07

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

Element	@W	@Y	@Yb	@S
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_CSA06V
Det.Lim.	0.1	0.05	0.1	0.005
Units	ppm	ppm	ppm	%
F00012225	0.3	11.2	1.3	N.A.
F00012226	0.2	12.9	1.3	N.A.
F00012227	0.2	12.4	1.3	N.A.
F00012228	0.2	12.2	1.6	N.A.
F00012229	0.2	12.2	1.6	N.A.
F00012230	N.A.	N.A.	N.A.	N.A.
F00012231	0.3	13.2	1.7	N.A.
F00012232	0.3	15.8	1.9	N.A.
F00012233	0.3	14.2	1.8	N.A.
F00012234	0.3	14.1	1.7	N.A.
F00012235	<0.1	2.03	0.1	N.A.
F00012236	0.2	15.1	1.7	N.A.
F00012237	0.3	18.8	2.0	N.A.
F00012251	0.7	23.5	2.8	N.A.
F00012252	0.5	31.6	3.1	N.A.
F00012253	1.7	30.4	3.2	N.A.
F00012254	1.6	28.8	3.0	N.A.
F00012255	1.0	43.8	4.4	N.A.
F00012256	1.0	40.1	3.5	N.A.
F00012257	1.9	42.5	4.0	N.A.
F00012258	2.4	33.7	3.8	N.A.
F00012259	0.8	42.6	4.3	N.A.
F00012260	1.0	25.5	2.8	N.A.
F00012261	1.0	30.2	3.2	N.A.
F00012262	0.7	37.9	4.1	N.A.
F00012263	0.9	20.2	2.4	N.A.
F00012264	3.1	13.8	1.9	N.A.
F00012265	3.3	13.9	1.9	N.A.
F00012266	1.6	14.2	2.0	N.A.
F00012267	2.6	13.8	1.8	N.A.
F00012268	15.7	12.5	1.7	N.A.
F00012269	7.6	16.3	2.0	N.A.
F00012270	N.A.	N.A.	N.A.	N.A.
F00012271	0.7	30.6	3.5	N.A.
F00012272	0.6	20.7	2.3	N.A.
F00012273	0.6	18.7	2.2	N.A.
F00012274	0.6	18.2	2.2	N.A.
F00012275	<0.1	2.08	0.1	N.A.
F00012276	0.4	32.6	3.6	N.A.
F00012277	0.4	34.9	3.7	N.A.

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Final : VC170648R Order: Goldlund Project 236 samples

Report File No.: 0000022120

Element	@W	@Y	@Yb	@S
Method	GE_ICM14B	GE_ICM14B	GE_ICM14B	GE_CSA06V
Det.Lim.	0.1	0.05	0.1	0.005
Units	ppm	ppm	ppm	%
F00012278	1.1	12.5	1.5	N.A.
F00012279	1.5	11.1	1.4	N.A.
F00012280	1.0	15.4	2.0	N.A.
F00012281	1.3	20.5	2.4	N.A.
F00012282	4.8	13.2	1.6	N.A.
F00012283	10.6	21.6	2.5	N.A.
F00012284	2.4	20.8	2.4	N.A.
F00012285	2.0	13.8	1.7	N.A.
F00012286	0.8	24.1	2.5	6.84
F00012287	0.8	25.2	2.7	6.63
F00012288	1.1	16.7	1.9	N.A.
F00012289	0.6	29.8	3.1	N.A.
F00012290	N.A.	N.A.	N.A.	N.A.
F00012291	0.7	20.6	2.2	N.A.
F00012292	0.9	27.3	2.9	N.A.
F00012293	2.5	13.8	1.6	N.A.
F00012294	2.2	21.4	2.4	N.A.
F00012295	5.9	19.9	2.3	N.A.
F00012296	0.8	20.6	2.1	N.A.
F00012297	0.3	28.8	2.7	N.A.
F00012298	0.2	26.7	2.7	N.A.
F00012299	1.0	22.3	2.0	N.A.
F00012300	0.8	22.6	2.0	N.A.
F00012301	0.7	23.0	2.1	N.A.
F00012302	1.5	20.7	2.0	N.A.
F00012303	1.3	19.2	1.8	N.A.
F00012304	2.4	18.8	1.9	N.A.
F00012305	<0.1	2.42	0.1	N.A.
F00012306	1.0	24.5	2.4	N.A.
F00012307	0.3	24.4	2.5	N.A.

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