



Certificate of Analysis

Work Order : LK1400787

[Report File No.: 0000003134]

To: **Robert Dillman**
COD SGS MINERALS
Goldstake Explorations Inc.
R. Dillman
8901 Reily Drive
Mount Brydges ON N0L 1W0

Date: Jan 27, 2015

P.O. No. : Brandy Brook Mines -
Project No. : -
No. Of Samples : 13
Date Submitted : Dec 03, 2014
Report Comprises : Pages 1 to 8
(Inclusive of Cover Sheet)

Distribution of unused material:

To Be Determined:

Certified By :

Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = 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

For solid samples: Unless otherwise noted, all GT_ tests are reported on a dried at 105°C basis. Other tests are performed on an as received basis unless otherwise indicated. Exceptions will be marked. For example rec (e.g. Cu rec) indicates the results are reported on an as received basis or dry (e.g. Cu dry) indicates the results are reported on a dried basis.

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Element Method Detection Limit Units	@Al	B	@Ba	@Ce	@Cr	@Cu	@Fe	@K
	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B
	0.01 %	10 ppm	5 ppm	0.01 %	1 ppm	0.5 ppm	0.01 %	0.01 %
BB-22	0.82	<10	26	4.73	67	41.4	3.96	0.26
BB-23	0.44	<10	20	4.72	59	73.7	3.75	0.24
BB-24	0.35	<10	26	4.32	30	69.2	4.41	0.14
BB-25	0.23	<10	21	4.73	42	38.7	5.02	0.09
BB-26	0.08	<10	18	0.86	196	11.6	2.23	0.02
BB-27	0.20	<10	20	4.01	61	19.9	4.34	0.05
BB-28	0.12	<10	14	4.47	96	13.6	3.90	0.01
BB-36	0.32	<10	11	5.88	30	31.4	4.95	0.13
GS-1	1.38	<10	92	2.95	108	455	5.17	0.24
GS-2	0.65	<10	17	4.11	203	29.5	3.17	0.03
GS-3	3.03	<10	25	7.04	13	206	9.60	0.13
GS-4	1.40	<10	26	0.68	79	220	3.99	0.07
GS-5	0.65	<10	781	2.33	58	45.5	2.16	0.22
*Rep GS-5	0.66	<10	733	2.39	61	46.7	2.20	0.23
*Std TILL-4	1.98	<10	67	0.09	23	244	3.16	0.28

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Element Method Detection Limit Units	@Li	@Mg	@Mn	@Na	@P	@S	@Sr	@Ti
	GE_ICM12B 1 ppm	GE_ICM12B 0.01 %	GE_ICM12B 2 ppm	GE_ICM12B 0.01 %	GE_ICM12B 50 ppm	GE_ICM12B 0.01 %	GE_ICM12B 0.5 ppm	GE_ICM12B 0.01 %
BB-22	4	2.36	1400	0.06	310	0.76	81.5	<0.01
BB-23	1	2.25	995	0.06	240	1.06	88.7	<0.01
BB-24	<1	2.03	1850	0.09	710	1.10	74.0	0.02
BB-25	<1	2.02	1820	0.08	540	1.64	73.5	0.01
BB-26	<1	0.22	612	0.06	210	0.39	12.5	<0.01
BB-27	<1	1.64	1310	0.08	680	1.14	69.0	0.01
BB-28	<1	1.67	1260	0.09	530	0.57	64.6	0.02
BB-36	2	2.66	1590	0.06	550	0.87	94.5	0.01
GS-1	12	2.04	2050	0.03	90	0.08	43.4	<0.01
GS-2	7	1.93	1100	0.04	<50	0.02	165	<0.01
GS-3	27	3.66	1870	0.02	340	0.94	106	<0.01
GS-4	7	0.75	302	0.10	430	1.10	13.4	0.12
GS-5	5	1.19	656	0.05	1020	0.58	124	<0.01
*Rep GS-5	6	1.21	659	0.05	1030	0.58	124	<0.01
*Std TILL-4	18	0.54	253	0.03	720	0.07	7.8	0.09

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Element Method Detection Limit Units	@V	@Zn	@Zr	@Ag	@As	@Be	@Bi	@Cd
	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B
	1 ppm	1 ppm	0.5 ppm	0.01 ppm	1 ppm	0.1 ppm	0.02 ppm	0.01 ppm
BB-22	50	61	5.0	0.10	<1	0.4	0.20	0.15
BB-23	47	45	5.7	0.17	<1	0.4	0.22	0.11
BB-24	103	64	5.2	0.19	<1	0.4	0.48	0.19
BB-25	93	51	4.9	0.15	<1	0.3	0.36	0.25
BB-26	29	26	4.6	0.09	<1	0.1	0.26	0.21
BB-27	65	48	6.9	0.05	<1	0.3	0.29	0.24
BB-28	79	37	4.2	0.03	<1	0.2	0.12	0.19
BB-36	79	47	4.2	0.22	<1	0.2	0.13	0.14
GS-1	38	87	4.1	0.26	226	0.4	0.34	0.36
GS-2	19	234	1.9	0.10	85	<0.1	<0.02	2.22
GS-3	408	85	5.7	0.92	116	0.3	1.13	0.15
GS-4	158	30	3.9	0.12	2	0.1	0.05	0.02
GS-5	12	30	41.2	0.04	1	0.4	0.66	0.05
*Rep GS-5	12	28	41.9	0.03	1	0.4	0.63	0.05
*Std TILL-4	41	57	8.1	0.19	99	0.9	44.3	0.15

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Element Method Detection Limit Units	@Ce	@Co	@Cs	@Ga	@Ge	@Hf	@Hg	@In
	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B
	0.05 ppm	0.1 ppm	0.05 ppm	0.1 ppm	0.1 ppm	0.05 ppm	0.01 ppm	0.02 ppm
BB-22	16.7	25.2	0.09	3.3	<0.1	0.10	0.01	0.05
BB-23	14.8	23.9	0.07	1.7	<0.1	0.11	0.01	0.05
BB-24	7.14	35.7	0.06	1.5	<0.1	0.10	0.02	0.06
BB-25	4.63	44.7	0.06	1.0	<0.1	0.07	<0.01	0.06
BB-26	5.30	18.9	<0.05	0.3	<0.1	0.08	0.02	0.02
BB-27	6.72	38.3	<0.05	0.8	<0.1	0.17	<0.01	0.05
BB-28	6.62	26.1	<0.05	0.4	<0.1	0.08	0.02	0.05
BB-36	4.71	30.2	0.09	1.2	<0.1	0.06	<0.01	0.05
GS-1	3.64	61.4	0.65	1.9	<0.1	<0.05	<0.01	0.04
GS-2	1.06	14.0	0.22	1.3	<0.1	<0.05	0.07	0.06
GS-3	5.13	51.9	0.33	7.4	<0.1	<0.05	0.07	0.05
GS-4	5.09	37.5	0.48	4.6	<0.1	0.11	<0.01	<0.02
GS-5	57.1	16.5	0.56	2.1	<0.1	1.04	<0.01	<0.02
*Rep GS-5	55.7	16.2	0.55	2.1	<0.1	1.02	<0.01	<0.02
*Std TILL-4	50.7	5.8	9.15	5.9	<0.1	0.19	0.03	0.33

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Element Method Detection Limit Units	@La	@Lu	@Mo	@Nb	@Ni	@Pb	@Rb	@Sb
	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B
	0.1 ppm	0.01 ppm	0.05 ppm	0.05 ppm	0.5 ppm	0.2 ppm	0.2 ppm	0.05 ppm
BB-22	6.6	0.15	1.89	0.09	26.2	3.4	7.5	0.08
BB-23	5.9	0.14	1.61	0.07	21.2	3.9	6.4	0.09
BB-24	2.8	0.11	4.02	0.07	21.8	5.4	4.3	0.24
BB-25	1.9	0.12	2.03	0.07	37.6	4.5	3.0	0.29
BB-26	2.3	0.05	8.43	0.10	16.3	3.2	0.7	0.18
BB-27	3.0	0.13	5.99	0.06	23.0	5.2	1.8	0.11
BB-28	2.6	0.14	5.43	0.06	16.4	4.0	0.4	0.15
BB-36	1.9	0.09	3.49	<0.05	18.9	4.8	6.0	0.26
GS-1	1.8	0.07	3.30	<0.05	133	2.3	9.8	2.07
GS-2	0.6	0.02	2.33	<0.05	38.4	4.1	1.2	0.89
GS-3	2.4	0.11	0.53	<0.05	20.2	6.7	3.9	0.96
GS-4	2.6	0.10	1.55	0.10	40.7	1.2	5.0	0.15
GS-5	29.1	0.18	0.51	<0.05	22.3	3.5	9.3	0.30
*Rep GS-5	28.4	0.18	0.52	<0.05	22.0	3.4	9.2	0.29
*Std TILL-4	27.7	0.10	14.4	1.87	13.8	38.3	37.0	0.38

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Element Method Detection Limit Units	@Sc	@Se	@Sn	@Ta	@Tb	@Te	@Th	@Tl
	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B	GE_ICM12B
	0.1 ppm	1 ppm	0.3 ppm	0.05 ppm	0.02 ppm	0.05 ppm	0.1 ppm	0.02 ppm
BB-22	15.2	<1	1.6	<0.05	0.35	<0.05	0.4	0.05
BB-23	13.3	<1	1.3	<0.05	0.32	<0.05	0.3	0.05
BB-24	24.3	<1	1.0	<0.05	0.30	<0.05	0.2	0.03
BB-25	22.3	<1	0.9	<0.05	0.28	<0.05	0.1	0.03
BB-26	9.8	<1	4.6	<0.05	0.14	<0.05	0.2	<0.02
BB-27	23.6	<1	1.1	<0.05	0.33	<0.05	0.2	0.02
BB-28	19.1	<1	1.3	<0.05	0.36	<0.05	0.1	<0.02
BB-36	21.6	<1	<0.3	<0.05	0.24	<0.05	0.1	0.04
GS-1	9.3	<1	<0.3	<0.05	0.15	<0.05	<0.1	0.06
GS-2	3.1	<1	<0.3	<0.05	0.07	<0.05	<0.1	<0.02
GS-3	22.4	<1	<0.3	<0.05	0.26	<0.05	<0.1	0.12
GS-4	4.0	1	<0.3	<0.05	0.17	0.08	0.4	0.02
GS-5	4.1	<1	<0.3	<0.05	0.44	0.05	5.1	0.06
*Rep GS-5	4.0	<1	<0.3	<0.05	0.43	<0.05	5.0	0.06
*Std TILL-4	4.5	<1	4.8	<0.05	0.44	0.20	13.9	0.42

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Element Method Detection Limit Units	@U	@W	@Y	@Yb
	GE_ICM12B 0.05 ppm	GE_ICM12B 0.1 ppm	GE_ICM12B 0.05 ppm	GE_ICM12B 0.1 ppm
BB-22	<0.05	0.3	8.60	0.9
BB-23	<0.05	0.3	7.48	0.9
BB-24	<0.05	0.6	7.15	0.7
BB-25	<0.05	0.5	7.29	0.8
BB-26	<0.05	0.3	3.47	0.4
BB-27	0.09	0.3	8.78	0.9
BB-28	<0.05	0.4	10.9	0.9
BB-36	<0.05	0.1	5.96	0.6
GS-1	<0.05	<0.1	4.87	0.4
GS-2	<0.05	<0.1	2.14	0.1
GS-3	<0.05	<0.1	7.10	0.6
GS-4	0.09	0.4	6.59	0.7
GS-5	1.15	<0.1	10.8	1.1
*Rep GS-5	1.17	<0.1	10.8	1.0
*Std TILL-4	2.85	109	8.89	0.7

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