Certificate of Analysis
Work Order : LK1701213
[Report File No.: 0000010918]

Date: July 14, 2017

To: **Frank_Kendle**
TRI-ORIGIN EXPLORATION LTD
125 DON HILLOCK DRIVE UNIT 18
AURORA ON L4G 0H8

P.O. No.: South Abitibi TA-2
Project No.: SOUTH ABITIBI TA-2
Samples: 13
Received: Jun 22, 2017
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
13	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverise to 85% -75µm
13	G_WGH79	Weighing of samples and reporting of weights
13	GE_FAA313	@Au, FAS, AAS, 30g-5ml
10	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
10	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
10	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : DISCARD
PULP STORAGE : DISCARD

Comments:

Exploration quality assays - not suitable for commercial exchange

Certified By : _____
Brett Pipher
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
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	WtKg	@Au	@Al	@Ba	@Be	@Ca	@Cr	@Cu
Method	G_WGH79	GE_FAA313	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.001	5	0.01	10	5	0.1	10	10
Units	kg	ppb	%	ppm	ppm	%	ppm	ppm
429393	0.671	313	0.05	<10	<5	<0.1	425	<10
429394	0.991	6	0.72	89	<5	<0.1	469	119
429395	1.227	8	7.79	2756	<5	0.9	207	26
429396	0.661	56	0.18	<10	<5	0.6	881	507
429397	0.915	79	0.87	37	<5	2.7	902	346
429398	1.544	30	5.78	317	<5	6.2	942	267
429399	1.035	24	2.42	382	<5	<0.1	476	21
429400	1.317	<5	4.88	734	<5	0.4	465	13
429401	0.886	12	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	1.399	6	0.07	<10	<5	0.9	630	74
429403	1.438	8	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	0.381	11	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	1.274	6	6.12	73	<5	7.2	142	91
*Rep 429395		6						

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Element	@Fe	@K	@Li	@Mg	@Mn	@Ni	@P	@Sc
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.01	0.1	10	0.01	10	5	0.01	5
Units	%	%	ppm	%	ppm	ppm	%	ppm
429393	0.30	<0.1	<10	0.02	27	18	<0.01	<5
429394	0.47	0.2	<10	0.04	58	20	<0.01	<5
429395	1.85	3.3	<10	0.60	325	26	0.04	<5
429396	>25.0	<0.1	<10	0.63	266	318	<0.01	<5
429397	>25.0	0.2	<10	4.17	1084	1620	<0.01	8
429398	8.00	0.9	16	7.67	1223	638	0.02	38
429399	1.13	0.6	<10	0.23	113	24	<0.01	<5
429400	1.41	2.0	14	0.44	210	27	0.02	<5
429401	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	8.00	<0.1	<10	0.36	352	63	<0.01	<5
429403	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	12.8	0.2	11	3.89	1894	158	0.03	34

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Element	Si	@Sr	@Ti	@V	@Zn	@Ag	@As	@Bi
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.1	10	0.01	5	5	1	5	0.1
Units	%	ppm	%	ppm	ppm	ppm	ppm	ppm
429393	>30.0	<10	<0.01	<5	<5	<1	<5	1.1
429394	>30.0	44	0.02	<5	<5	<1	<5	1.0
429395	>30.0	452	0.15	32	40	<1	<5	0.3
429396	4.7	<10	<0.01	30	10	<1	<5	0.9
429397	13.4	17	0.09	66	38	1	<5	1.4
429398	22.9	155	0.23	155	74	<1	<5	0.7
429399	>30.0	59	0.03	10	13	<1	<5	4.3
429400	>30.0	206	0.08	21	31	<1	<5	0.4
429401	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	>30.0	<10	0.01	13	14	<1	<5	0.2
429403	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	20.8	256	1.44	580	116	<1	<5	0.2

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Element	@Cd	@Ce	@Co	@Cs	@Dy	@Er	@Eu	@Ga
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.2	0.1	0.5	0.1	0.05	0.05	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
429393	<0.2	0.1	0.8	<0.1	<0.05	<0.05	<0.05	<1
429394	<0.2	2.5	3.2	0.2	0.15	0.10	0.09	2
429395	<0.2	81.7	12.6	1.9	2.38	1.14	1.67	25
429396	<0.2	1.6	2465	0.1	0.12	0.09	0.07	<1
429397	<0.2	2.6	699	1.1	0.49	0.32	0.15	4
429398	<0.2	3.2	66.3	0.8	1.24	0.70	0.36	12
429399	<0.2	1.7	7.0	0.7	0.32	0.14	0.10	11
429400	<0.2	31.5	6.9	1.8	1.06	0.47	0.62	16
429401	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	<0.2	0.6	210	0.3	<0.05	<0.05	<0.05	<1
429403	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	<0.2	13.9	57.9	0.6	3.05	1.74	0.86	20

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Element	@Gd	@Ge	@Hf	@Ho	@In	@La	@Lu	@Mo
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.05	1	1	0.05	0.2	0.1	0.05	2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
429393	<0.05	2	<1	<0.05	<0.2	<0.1	<0.05	5
429394	0.21	<1	<1	<0.05	<0.2	1.0	<0.05	2
429395	4.09	<1	5	0.42	<0.2	41.5	0.16	<2
429396	0.14	<1	<1	<0.05	<0.2	1.0	<0.05	30
429397	0.49	1	<1	0.11	<0.2	1.4	0.06	8
429398	1.25	2	<1	0.26	<0.2	1.4	0.10	8
429399	0.29	<1	<1	0.06	<0.2	0.5	<0.05	21
429400	1.78	<1	2	0.19	<0.2	17.6	0.07	7
429401	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	0.08	2	<1	<0.05	<0.2	0.4	<0.05	9
429403	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	2.93	2	2	0.61	<0.2	6.3	0.26	2

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Element	@Nb	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm	@Sn
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.1	5	0.05	0.2	0.1	0.1	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
429393	<1	<0.1	5	<0.05	0.4	<0.1	<0.1	<1
429394	<1	1.0	17	0.29	7.1	<0.1	0.2	<1
429395	6	36.6	21	10.2	91.7	0.2	6.1	1
429396	<1	0.7	15	0.18	2.4	0.3	0.1	<1
429397	<1	1.7	48	0.40	11.3	0.5	0.4	<1
429398	<1	2.7	<5	0.52	41.4	0.2	0.8	<1
429399	1	0.9	48	0.20	19.0	0.1	0.3	<1
429400	4	13.1	14	3.75	63.6	0.1	2.3	<1
429401	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	<1	0.2	7	0.09	2.8	<0.1	<0.1	<1
429403	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	3	8.5	<5	2.03	17.4	0.1	2.3	<1

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Element	@Ta	@Tb	@Th	@Tl	@Tm	@U	@W	@Y
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.5	0.05	0.1	0.5	0.05	0.05	1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
429393	<0.5	<0.05	<0.1	<0.5	<0.05	<0.05	<1	<0.5
429394	<0.5	<0.05	0.7	<0.5	<0.05	0.50	<1	0.7
429395	<0.5	0.52	11.2	0.6	0.18	2.40	<1	12.6
429396	<0.5	<0.05	<0.1	<0.5	<0.05	0.12	<1	0.6
429397	<0.5	0.08	0.3	<0.5	0.06	0.09	<1	3.0
429398	<0.5	0.19	0.1	<0.5	0.11	0.08	1	6.8
429399	<0.5	0.07	2.9	<0.5	<0.05	0.73	2	1.6
429400	<0.5	0.20	3.9	<0.5	0.08	1.19	<1	5.5
429401	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429402	<0.5	<0.05	<0.1	<0.5	<0.05	<0.05	<1	<0.5
429403	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
429405	<0.5	0.48	0.9	<0.5	0.30	0.17	<1	17.1

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Element	@Yb	@Zr
Method	GE_ICM90A	GE_ICM90A
Det.Lim.	0.1	0.5
Units	ppm	ppm
429393	<0.1	0.9
429394	<0.1	11.8
429395	0.9	172
429396	<0.1	3.7
429397	0.3	17.9
429398	0.6	20.7
429399	0.1	28.3
429400	0.4	73.2
429401	N.A.	N.A.
429402	<0.1	3.5
429403	N.A.	N.A.
429404	N.A.	N.A.
429405	1.7	68.4

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