Certificate of Analysis

Work Order : LK1400429

[Report File No.: 0000001982]

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

Date: Sep 16, 2014

P.O. No.	:	North Abitibi Project
Project No.	:	-
No. Of Samples	:	8
Date Submitted	:	Jul 25, 2014
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Distribution of unused material:
To Be Determined:

Certified By : Bonnie White

Bonnie White
Supervisor - Project Coordinator Group

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

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Element	@LOI	@SiO2	@Al2O3	@Fe2O3	@MgO	@CaO	@K2O	@Na2O
Method	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
Det.Lim.	-10.000	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Units	%	%	%	%	%	%	%	%
W652957	1.75	63.9	17.8	4.20	0.48	3.05	1.93	5.16
W652958	2.62	51.7	13.7	13.9	3.71	7.90	0.18	3.68
W652959	2.71	66.6	15.9	2.50	0.99	2.41	2.29	5.67
W652960	1.11	59.8	15.5	7.95	3.57	6.74	0.56	3.65
W652961	1.50	63.3	18.1	4.59	1.67	2.45	4.19	1.80
W652962	4.81	58.6	14.4	3.98	3.38	6.67	1.88	5.41
W652963	2.28	66.8	16.1	2.26	0.96	2.35	1.91	6.50
W652964	6.75	62.5	14.2	3.21	2.22	4.95	2.78	2.83
*Rep W652959	2.76	66.4	15.8	2.48	0.98	2.41	2.28	5.69

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Element	@TiO2	@MnO	@P2O5	@Cr2O3	@V2O5	Sum	Ag@	Al@
Method	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0	2	0.01
Units	%	%	%	%	%	%	ppm	%
W652957	0.55	0.04	0.38	0.04	<0.01	99.3	<2	10.0
W652958	1.81	0.22	0.38	0.02	0.04	99.8	<2	7.74
W652959	0.37	0.04	0.18	0.01	<0.01	99.6	<2	8.82
W652960	0.84	0.14	0.18	0.03	0.02	100.0	<2	8.63
W652961	0.90	0.04	0.16	0.03	0.01	98.7	2	9.95
W652962	0.47	0.08	0.21	0.03	<0.01	99.9	<2	8.06
W652963	0.37	0.03	0.19	0.01	<0.01	99.7	<2	8.99
W652964	0.39	0.06	0.11	0.04	<0.01	100.1	<2	8.09
*Rep W652957							<2	9.86
*Rep W652959	0.38	0.03	0.18	0.02	<0.01	99.5		

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Element	As@	Ba@	Be@	Bi@	Ca@	Cd@	Co@	Cr@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	30	1	0.5	5	0.01	1	1	1
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
W652957	<30	732	1.0	<5	2.33	<1	12	214
W652958	<30	55	0.5	9	5.76	<1	29	99
W652959	<30	1800	1.4	<5	1.85	<1	5	123
W652960	<30	148	<0.5	<5	4.97	<1	21	134
W652961	<30	536	1.4	<5	1.77	<1	10	155
W652962	<30	424	1.0	<5	5.10	<1	13	147
W652963	<30	1280	1.4	<5	1.84	<1	4	89
W652964	<30	900	1.0	<5	4.08	<1	6	118
*Rep W652957	<30	730	1.0	<5	2.35	<1	13	206

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Element	Cu@	Fe@	K@	La@	Li@	Mg@	Mn@	Mo@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.5	0.01	0.01	0.5	1	0.01	2	1
Units	ppm	%	%	ppm	ppm	%	ppm	ppm
W652957	20.9	2.75	1.65	36.3	25	0.28	344	<1
W652958	76.9	9.29	0.15	11.4	18	2.12	1610	<1
W652959	2.3	1.71	1.94	33.8	16	0.57	295	<1
W652960	38.2	5.20	0.46	13.5	14	2.03	1030	<1
W652961	9.9	2.88	3.21	18.2	29	0.95	343	<1
W652962	29.0	2.73	1.62	33.7	23	1.93	589	5
W652963	1.7	1.60	1.62	34.6	20	0.55	205	<1
W652964	<0.5	2.26	2.41	28.5	15	1.37	390	<1
*Rep W652957	20.5	2.77	1.62	35.8	25	0.28	338	<1

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Element	Na@	Ni@	P@	Pb@	S@	Sb@	Sc@	Sn@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	1	0.01	2	0.01	5	0.5	10
Units	%	ppm	%	ppm	%	ppm	ppm	ppm
W652957	3.57	64	0.17	13	0.05	12	6.7	<10
W652958	2.59	28	0.17	<2	0.03	13	31.4	<10
W652959	3.90	7	0.08	13	0.03	<5	2.6	<10
W652960	2.55	54	0.07	3	0.14	7	16.8	<10
W652961	1.17	49	0.07	35	0.04	14	14.7	<10
W652962	3.87	68	0.09	13	0.29	<5	6.9	<10
W652963	4.58	6	0.08	11	0.05	<5	2.5	<10
W652964	1.95	30	0.05	16	0.01	<5	6.3	<10
*Rep W652957	3.57	64	0.16	14	0.05	11	6.6	<10

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Element	Sr@	Ti@	V@	W@	Y@	Zn@	Zr@	WtKg
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	G_WGH79
Det.Lim.	0.5	0.01	2	10	0.5	1	0.5	0.001
Units	ppm	%	ppm	ppm	ppm	ppm	ppm	kg
W652957	956	0.29	72	<10	8.5	81	81.8	0.434
W652958	257	1.01	211	<10	35.1	158	52.9	0.661
W652959	1180	0.15	30	<10	3.9	86	68.7	0.200
W652960	222	0.46	119	<10	17.4	95	69.4	0.296
W652961	433	0.47	118	<10	13.2	119	110	0.323
W652962	514	0.27	65	<10	8.7	53	76.8	0.229
W652963	1660	0.16	29	<10	3.7	76	71.1	0.206
W652964	586	0.18	42	<10	7.4	81	79.6	0.429
*Rep W652957	888	0.28	72	<10	8.5	81	76.4	

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