

Certificate of Analysis

Work Order : VC131149

[Report File No.: 0000001217]

To: MOHIBUR RAHMAN
F402001 SGS LAKEFIELD RESEARCH
PO BOX 4300
185 CONCESSION STREET
LAKEFIELD, ONTARIO ON K0L 2H0

Date: Jun 17, 2013

P.O. No. : LD130169
Project No. : -
No. Of Samples : 27
Date Submitted : May 23, 2013
Report Comprises : Pages 1 to 7
(Inclusive of Cover Sheet)

Distribution of unused material:

Active files:

Comments:

ICM12B package.

Boron values are informational only.

Certified By :



Satpal Gill
QAQC 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 Method Det.Lim. Units	Al ICM12B 0.01 %	B ICM12B 10 ppm	Ba ICM12B 5 ppm	Ca ICM12B 0.01 %	Cr ICM12B 1 ppm	Cu ICM12B 0.5 ppm	Fe ICM12B 0.01 %	K ICM12B 0.01 %	Li ICM12B 1 ppm	Mg ICM12B 0.01 %
TRI-009-13	0.05	30	<5	0.17	27	253	6.49	<0.01	<1	0.08
TRI-010-13	0.08	30	<5	0.12	15	304	8.71	0.01	<1	0.13
TRI-011-13	0.32	30	6	0.61	13	913	6.43	0.06	3	0.24
TRI-012-13	0.57	40	8	0.87	21	737	4.85	0.11	8	0.41
TRI-013-13	1.72	30	77	1.21	75	78.7	3.81	0.73	29	1.07
TRI-014-13	0.06	40	<5	0.23	22	176	3.70	0.02	<1	0.11
TRI-015-13	1.58	20	20	0.50	72	176	6.92	0.16	20	1.17
TRI-016-13	1.01	30	46	0.78	68	15.3	2.02	0.22	19	0.82
TRI-017-13	0.85	30	34	0.98	143	237	3.59	0.24	13	0.67
TRI-018-13	0.59	40	6	1.36	44	176	5.23	0.07	13	0.50
TRI-019-13	0.24	40	<5	0.77	22	1300	4.48	0.04	3	0.25
TRI-020-13	0.11	40	<5	0.35	11	208	4.76	0.02	<1	0.14
TRI-021-13	2.91	30	110	0.38	113	224	8.00	1.39	73	1.89
TRI-022-13	0.91	20	38	0.81	72	588	10.5	0.29	17	0.64
TRI-023-13	0.08	30	<5	0.22	12	194	3.80	0.02	<1	0.09
TRI-024-13	0.02	30	<5	0.08	25	60.5	3.35	0.01	<1	0.07
TRI-025-13	0.15	30	<5	0.10	13	70.9	3.64	0.04	1	0.10
TRI-026-13	0.07	30	<5	0.08	12	73.0	4.15	0.04	<1	0.06
TRI-027-13	0.05	30	<5	0.11	8	15.1	1.26	0.02	<1	0.05
TRI-028-13	0.22	30	<5	0.10	16	138	4.38	0.08	2	0.12
TRI-029-13	0.14	40	7	0.05	3	55.2	3.52	0.11	1	0.09
TRI-030-13	2.02	30	125	0.55	328	31.8	2.76	1.13	51	1.70
TRI-031-13	3.90	40	188	1.74	220	48.8	3.71	1.36	59	1.69
TRI-032-13	1.50	30	12	0.75	35	1670	6.49	0.34	19	0.65
TRI-033-13	0.99	30	8	0.94	96	361	5.73	0.17	15	0.51
TRI-034-13	0.55	30	6	1.02	118	82.4	1.86	0.05	4	0.39
TRI-035-13	1.43	30	49	0.85	75	242	3.38	0.37	21	0.89

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Element Method Det.Lim. Units	Mn ICM12B 2 ppm	Na ICM12B 0.01 %	Ni ICM12B 0.5 ppm	P ICM12B 50 ppm	S ICM12B 0.01 %	Ti ICM12B 0.01 %	V ICM12B 1 ppm	Zn ICM12B 1 ppm	Zr ICM12B 0.5 ppm	Sr ICM12B 0.5 ppm
TRI-009-13	223	0.02	138	110	4.39	<0.01	9	7	0.7	1.3
TRI-010-13	334	0.01	209	130	>5.00	<0.01	13	10	1.3	1.6
TRI-011-13	376	0.03	122	350	3.99	0.03	20	24	2.0	5.4
TRI-012-13	349	0.05	66.8	1040	2.00	0.05	28	20	2.8	11.0
TRI-013-13	420	0.13	64.3	270	0.20	0.17	92	40	1.2	11.8
TRI-014-13	139	0.01	51.0	170	1.70	<0.01	8	5	0.7	1.7
TRI-015-13	422	0.04	59.7	270	0.52	0.07	70	36	3.0	6.5
TRI-016-13	283	0.09	31.4	220	<0.01	0.08	47	26	1.3	6.0
TRI-017-13	348	0.05	381	200	1.32	0.06	30	75	2.3	7.5
TRI-018-13	347	0.05	99.8	1020	2.37	0.03	31	19	0.7	23.7
TRI-019-13	321	0.02	69.4	930	2.20	<0.01	18	26	0.9	5.6
TRI-020-13	242	0.02	89.1	230	2.84	<0.01	10	8	1.0	2.1
TRI-021-13	666	0.04	72.9	230	0.64	0.29	149	69	1.1	6.0
TRI-022-13	574	0.03	153	530	3.95	0.09	68	34	1.5	6.4
TRI-023-13	119	0.01	45.4	270	1.48	<0.01	7	6	0.6	2.6
TRI-024-13	83	0.01	13.1	200	0.62	<0.01	7	5	0.7	2.0
TRI-025-13	125	0.01	4.4	60	0.24	<0.01	10	7	0.6	2.3
TRI-026-13	151	0.01	6.6	100	0.38	<0.01	8	6	1.4	3.1
TRI-027-13	124	0.01	3.2	<50	0.20	<0.01	4	6	0.6	1.4
TRI-028-13	143	0.01	16.4	130	0.53	<0.01	9	11	1.5	2.8
TRI-029-13	114	0.02	5.0	120	0.54	0.02	10	8	2.1	6.5
TRI-030-13	246	0.07	79.4	180	<0.01	0.16	78	30	1.3	9.1
TRI-031-13	352	0.21	73.9	200	<0.01	0.19	118	38	1.5	35.6
TRI-032-13	257	0.09	264	360	4.75	0.07	34	259	5.3	11.7
TRI-033-13	289	0.06	409	380	3.45	0.06	36	45	4.6	9.9
TRI-034-13	343	0.04	184	90	0.31	0.03	13	11	1.3	9.5
TRI-035-13	425	0.10	53.5	190	0.43	0.09	55	45	1.5	13.0

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Element Method Det.Lim. Units	Ag ICM12B 0.01 ppm	As ICM12B 1 ppm	Be ICM12B 0.1 ppm	Bi ICM12B 0.02 ppm	Cd ICM12B 0.01 ppm	Ce ICM12B 0.05 ppm	Co ICM12B 0.1 ppm	Cs ICM12B 0.05 ppm	Ga ICM12B 0.1 ppm	Ge ICM12B 0.1 ppm
TRI-009-13	0.19	9	<0.1	0.46	0.03	2.93	20.4	0.07	0.4	<0.1
TRI-010-13	0.32	16	<0.1	0.69	0.03	3.71	32.4	0.12	0.5	<0.1
TRI-011-13	1.04	16	<0.1	0.42	0.11	12.9	17.1	0.43	1.3	<0.1
TRI-012-13	1.19	12	0.1	0.24	0.05	42.8	18.1	0.49	2.9	<0.1
TRI-013-13	0.08	5	0.2	0.07	0.02	4.31	24.8	2.92	4.5	<0.1
TRI-014-13	0.16	3	<0.1	0.24	0.02	2.68	9.8	0.15	0.4	<0.1
TRI-015-13	0.49	11	0.2	0.26	0.03	26.9	19.0	1.72	3.5	<0.1
TRI-016-13	0.03	16	<0.1	0.03	0.02	5.48	15.3	1.15	2.7	<0.1
TRI-017-13	0.28	132	0.2	0.23	0.18	10.6	43.8	1.04	2.9	<0.1
TRI-018-13	0.49	10	<0.1	0.24	0.07	10.8	18.1	0.15	2.1	<0.1
TRI-019-13	0.65	8	0.1	0.25	0.12	5.16	13.9	0.19	1.1	<0.1
TRI-020-13	0.31	15	<0.1	0.33	0.03	5.19	17.9	0.11	0.6	<0.1
TRI-021-13	0.13	1	0.1	0.20	0.05	18.5	32.7	11.6	7.6	0.2
TRI-022-13	0.71	8	0.3	0.75	0.08	7.24	26.1	1.82	3.2	<0.1
TRI-023-13	0.22	6	<0.1	0.22	0.02	3.02	9.6	0.18	0.4	<0.1
TRI-024-13	0.14	4	<0.1	0.17	<0.01	1.48	3.2	0.13	0.4	<0.1
TRI-025-13	0.55	10	<0.1	0.43	<0.01	0.92	4.1	0.15	0.5	<0.1
TRI-026-13	0.27	12	<0.1	0.54	0.01	1.06	2.8	0.10	0.6	<0.1
TRI-027-13	0.69	5	<0.1	0.52	<0.01	0.38	1.3	<0.05	0.3	<0.1
TRI-028-13	0.17	17	<0.1	0.28	0.02	2.96	5.8	0.24	1.1	<0.1
TRI-029-13	0.42	7	<0.1	0.41	<0.01	4.33	1.7	0.22	1.1	<0.1
TRI-030-13	0.03	5	<0.1	0.03	<0.01	2.96	20.1	4.53	4.7	<0.1
TRI-031-13	0.03	3	0.3	0.04	0.01	9.46	26.4	6.10	7.9	<0.1
TRI-032-13	0.93	5	0.5	0.60	1.08	22.1	51.6	1.00	5.4	<0.1
TRI-033-13	0.50	17	0.4	0.56	0.15	17.2	68.3	0.71	3.8	<0.1
TRI-034-13	0.09	20	0.2	0.15	0.02	8.87	27.6	0.29	1.4	<0.1
TRI-035-13	0.21	15	0.2	0.11	0.07	5.61	15.7	1.70	3.2	<0.1

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Element Method Det.Lim. Units	Hf ICM12B ppm	Hg ICM12B ppm	In ICM12B ppm	La ICM12B ppm	Lu ICM12B ppm	Mo ICM12B ppm	Nb ICM12B ppm	Pb ICM12B ppm	Rb ICM12B ppm	Sb ICM12B ppm
TRI-009-13	<0.05	0.02	<0.02	1.6	0.06	1.03	<0.05	1.2	0.3	0.11
TRI-010-13	<0.05	0.02	<0.02	1.9	0.05	1.59	<0.05	1.9	0.5	0.14
TRI-011-13	<0.05	0.02	<0.02	6.1	0.05	3.20	<0.05	2.7	2.8	0.14
TRI-012-13	0.08	0.29	<0.02	19.7	0.06	1.39	0.31	2.3	6.5	0.10
TRI-013-13	<0.05	<0.01	<0.02	2.0	0.07	5.92	<0.05	0.9	28.1	0.06
TRI-014-13	<0.05	<0.01	<0.02	1.5	0.03	0.86	<0.05	2.2	1.1	0.10
TRI-015-13	0.09	<0.01	<0.02	15.1	0.05	4.21	0.11	5.1	7.7	0.14
TRI-016-13	<0.05	<0.01	<0.02	2.7	0.06	0.30	<0.05	0.6	10.9	0.05
TRI-017-13	<0.05	<0.01	0.02	4.8	0.05	2.09	<0.05	2.2	11.7	0.09
TRI-018-13	<0.05	<0.01	<0.02	5.2	0.09	1.25	<0.05	2.2	2.4	0.06
TRI-019-13	<0.05	0.19	<0.02	2.7	0.04	2.75	<0.05	2.0	1.3	0.08
TRI-020-13	<0.05	<0.01	<0.02	2.6	0.05	2.23	<0.05	2.2	0.6	0.11
TRI-021-13	<0.05	<0.01	<0.02	9.0	0.04	0.94	<0.05	3.5	77.2	<0.05
TRI-022-13	<0.05	0.01	<0.02	3.7	0.09	3.57	<0.05	4.8	12.4	0.12
TRI-023-13	<0.05	0.03	<0.02	1.7	0.02	2.19	<0.05	2.0	1.1	0.09
TRI-024-13	<0.05	<0.01	<0.02	1.1	<0.01	2.10	<0.05	2.1	0.9	0.06
TRI-025-13	<0.05	0.02	<0.02	0.6	0.02	1.42	0.08	1.4	1.4	0.10
TRI-026-13	<0.05	<0.01	<0.02	0.8	0.02	3.85	0.16	1.9	1.3	0.11
TRI-027-13	<0.05	0.02	<0.02	0.2	0.02	0.96	<0.05	1.4	0.5	0.09
TRI-028-13	<0.05	0.02	<0.02	1.8	0.01	3.49	0.11	1.1	3.5	0.11
TRI-029-13	<0.05	<0.01	<0.02	3.4	<0.01	3.61	0.24	1.3	5.1	0.07
TRI-030-13	<0.05	<0.01	<0.02	1.9	0.02	2.49	<0.05	0.5	40.3	<0.05
TRI-031-13	<0.05	<0.01	<0.02	3.6	0.05	1.20	<0.05	1.3	60.6	<0.05
TRI-032-13	0.11	<0.01	0.10	10.6	0.06	5.98	<0.05	5.3	15.0	<0.05
TRI-033-13	0.10	<0.01	0.04	8.6	0.06	6.88	<0.05	3.9	9.3	0.08
TRI-034-13	<0.05	<0.01	<0.02	4.1	0.04	1.67	0.08	1.1	2.2	0.07
TRI-035-13	<0.05	<0.01	<0.02	2.9	0.04	0.76	<0.05	1.5	18.5	0.11

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Element Method Det.Lim. Units	Sc ICM12B 0.1 ppm	Se ICM12B 1 ppm	Sn ICM12B 0.3 ppm	Ta ICM12B 0.05 ppm	Tb ICM12B 0.02 ppm	Te ICM12B 0.05 ppm	Th ICM12B 0.1 ppm	Tl ICM12B 0.02 ppm	U ICM12B 0.05 ppm	W ICM12B 0.1 ppm
TRI-009-13	0.4	2	<0.3	<0.05	0.06	0.55	0.2	<0.02	<0.05	2.8
TRI-010-13	0.6	2	<0.3	<0.05	0.05	0.88	0.3	0.05	0.06	3.1
TRI-011-13	1.4	2	<0.3	<0.05	0.09	0.56	0.9	0.20	0.12	12.3
TRI-012-13	1.9	<1	<0.3	<0.05	0.23	0.25	3.4	0.13	0.30	3030
TRI-013-13	7.2	<1	<0.3	<0.05	0.11	0.05	0.3	0.29	<0.05	78.2
TRI-014-13	0.4	1	<0.3	<0.05	0.04	0.33	0.1	0.07	<0.05	42.3
TRI-015-13	5.1	2	<0.3	<0.05	0.13	0.36	2.0	0.17	0.26	37.6
TRI-016-13	4.7	<1	<0.3	<0.05	0.09	<0.05	1.0	0.10	0.09	9.1
TRI-017-13	2.6	2	<0.3	<0.05	0.12	0.31	1.0	0.22	0.14	8.5
TRI-018-13	2.5	<1	<0.3	<0.05	0.12	0.25	0.6	0.09	0.13	1550
TRI-019-13	1.3	2	<0.3	<0.05	0.09	0.28	0.5	0.06	<0.05	619
TRI-020-13	0.7	2	<0.3	<0.05	0.09	0.42	0.3	0.04	0.06	72.3
TRI-021-13	5.9	1	<0.3	<0.05	0.13	0.18	0.6	0.95	0.18	22.6
TRI-022-13	4.5	2	<0.3	<0.05	0.11	0.82	0.3	0.25	0.08	22.5
TRI-023-13	0.4	1	<0.3	<0.05	0.04	0.36	0.2	0.06	<0.05	14.7
TRI-024-13	0.2	<1	<0.3	<0.05	<0.02	0.24	<0.1	0.04	<0.05	2.5
TRI-025-13	0.7	1	<0.3	<0.05	0.02	0.55	0.1	0.04	<0.05	6.9
TRI-026-13	0.4	1	<0.3	<0.05	<0.02	0.65	0.1	0.03	<0.05	3.5
TRI-027-13	0.3	<1	<0.3	<0.05	<0.02	0.54	<0.1	<0.02	<0.05	1.8
TRI-028-13	0.6	1	<0.3	<0.05	0.03	0.39	0.7	0.07	0.14	3.2
TRI-029-13	0.5	1	<0.3	<0.05	<0.02	0.50	0.3	0.06	<0.05	1.4
TRI-030-13	3.3	<1	<0.3	<0.05	0.05	0.05	0.7	0.41	0.08	1.7
TRI-031-13	5.8	<1	<0.3	<0.05	0.12	<0.05	1.1	0.55	0.13	3.1
TRI-032-13	3.2	5	0.8	<0.05	0.20	0.71	2.4	0.32	0.28	16.1
TRI-033-13	3.0	3	0.4	<0.05	0.19	0.86	2.3	0.18	0.27	47.5
TRI-034-13	1.6	<1	<0.3	<0.05	0.10	0.24	0.9	0.06	0.18	9.0
TRI-035-13	5.2	<1	<0.3	<0.05	0.09	0.16	0.9	0.24	0.09	12.6

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Element	Y	Yb
Method	ICM12B	ICM12B
Det.Lim.	0.05	0.1
Units	ppm	ppm
TRI-009-13	2.18	0.3
TRI-010-13	1.87	0.3
TRI-011-13	2.40	0.3
TRI-012-13	4.25	0.4
TRI-013-13	3.58	0.4
TRI-014-13	1.37	0.1
TRI-015-13	3.22	0.3
TRI-016-13	2.99	0.3
TRI-017-13	3.21	0.3
TRI-018-13	3.97	0.4
TRI-019-13	2.86	0.2
TRI-020-13	2.96	0.3
TRI-021-13	3.21	0.3
TRI-022-13	4.13	0.5
TRI-023-13	1.24	0.1
TRI-024-13	0.38	<0.1
TRI-025-13	0.73	<0.1
TRI-026-13	0.64	<0.1
TRI-027-13	0.71	<0.1
TRI-028-13	0.90	0.1
TRI-029-13	0.42	<0.1
TRI-030-13	1.55	0.2
TRI-031-13	3.14	0.3
TRI-032-13	4.53	0.4
TRI-033-13	4.44	0.4
TRI-034-13	2.54	0.3
TRI-035-13	2.75	0.3

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