

Quality Analysis ...



Innovative Technologies

Date Submitted: 20-Sep-11
Invoice No.: A11-10641
Invoice Date: 17-Oct-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

7 Pulp samples and 63 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-10641**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE Assay Package Major Elements Fusion
ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-10641

Analyte Symbol	Spec Grav	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	-	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	1	20	10	30	1	1
Analysis Method	GRAV	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884001		0.02	58.67	16.74	7.81	0.101	4.50	2.14	3.80	3.13	0.740	0.18	1.80	99.62	21	2	155	270	28	110	40	100	21	1
884002		< 0.01	77.77	5.96	3.68	0.076	2.00	5.75	0.78	0.93	0.282	0.07	3.68	101.0	9	< 1	66	90	12	50	30	40	10	2
884003		0.01	64.07	14.93	6.69	0.094	3.46	2.77	3.51	2.18	0.619	0.15	1.73	100.2	17	1	127	280	24	90	50	120	18	2
884004		0.03	63.77	15.58	6.06	0.081	2.96	2.66	3.54	2.44	0.541	0.15	1.64	99.42	16	3	106	210	20	70	40	70	18	2
884005		< 0.01	87.50	3.47	1.26	0.030	0.54	3.56	0.43	0.75	0.049	0.19	3.04	100.8	2	< 1	17	< 20	3	< 20	20	< 30	5	< 1
884006		0.01	85.90	3.71	3.01	0.044	1.33	2.71	0.28	1.05	0.109	0.08	2.67	100.9	3	< 1	32	< 20	9	< 20	60	30	7	< 1
884007		0.04	62.97	15.59	7.25	0.085	3.56	2.57	3.30	2.85	0.650	0.15	2.01	101.0	19	2	131	290	25	90	60	80	18	2
884008		0.04	64.50	15.19	6.26	0.104	3.09	3.79	2.95	2.17	0.562	0.11	1.24	99.97	16	3	113	240	21	80	40	80	19	2
884009		< 0.01	70.26	17.38	0.58	0.031	0.17	0.71	7.70	1.04	0.022	0.20	0.97	99.07	< 1	105	5	< 20	< 1	< 20	< 10	60	33	5
884010		0.69	74.72	16.06	3.21	0.093	0.06	0.25	3.33	2.42	0.003	0.14	-0.02	100.3	< 1	159	< 5	30	1	20	40	90	40	4
884011		0.05	63.65	14.41	6.48	0.093	3.05	3.15	2.74	2.49	0.556	0.16	1.16	97.95	16	2	113	250	21	80	40	70	18	2
884012		0.07	65.70	14.68	5.59	0.137	2.86	2.65	3.45	1.66	0.488	0.14	2.02	99.37	13	5	104	200	18	70	40	80	18	2
884013	2.70	0.01	74.72	14.18	0.84	0.225	0.11	0.69	5.44	2.86	0.021	0.18	0.93	100.2	< 1	211	7	< 20	1	< 20	< 10	< 30	28	4
884014		0.10	65.91	14.96	5.61	0.093	2.78	2.94	3.00	2.15	0.478	0.15	1.42	99.48	13	9	100	200	18	70	40	80	18	2
884015		0.77	73.71	16.22	0.84	0.092	0.04	0.26	3.21	2.12	0.003	0.15	0.77	97.95	< 1	169	< 5	< 20	< 1	< 20	< 10	110	44	4
884016	2.73	0.61	73.19	16.64	0.62	0.081	0.04	0.27	3.55	3.80	0.002	0.18	0.71	99.08	< 1	155	< 5	< 20	< 1	< 20	< 10	120	38	4
884017		0.77	74.27	16.65	0.69	0.099	0.04	0.32	3.30	2.87	0.002	0.18	0.61	99.03	< 1	156	< 5	< 20	< 1	< 20	< 10	80	38	4
884018		0.52	73.94	15.32	0.70	0.159	0.04	0.30	3.46	3.07	0.003	0.11	0.74	97.84	< 1	187	< 5	< 20	< 1	< 20	< 10	40	37	4
884019		0.58	72.66	17.05	0.71	0.074	0.04	0.29	4.11	2.60	0.002	0.13	0.72	98.39	< 1	221	< 5	< 20	< 1	< 20	< 10	130	41	4
884020		< 0.01	97.63	0.33	0.54	0.008	0.01	0.02	0.04	0.05	0.028	< 0.01	-0.05	98.60	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 1
884021		0.05	73.12	14.81	0.82	0.040	0.27	0.74	5.21	2.29	0.031	0.23	0.81	98.38	1	199	7	< 20	1	< 20	< 10	< 30	28	3
884022		0.11	66.01	14.83	5.57	0.123	2.76	3.01	2.78	2.25	0.488	0.18	2.26	100.2	13	14	98	210	18	60	50	100	20	2
884023		0.52	73.47	16.79	0.51	0.087	0.15	0.55	5.37	1.54	0.009	0.17	0.83	99.47	< 1	168	< 5	< 20	< 1	< 20	< 10	150	36	5
884024		0.13	65.75	15.04	5.78	0.105	2.85	2.99	3.08	2.20	0.513	0.15	2.17	100.6	14	8	99	210	19	70	40	100	19	2
884025		0.47	73.42	16.06	0.79	0.071	0.24	0.61	5.82	1.01	0.031	0.19	0.95	99.19	< 1	207	7	< 20	1	< 20	< 10	90	40	5
884026		0.37	73.37	15.84	0.95	0.105	0.33	0.76	5.42	1.39	0.048	0.22	0.95	99.38	1	215	7	< 20	2	< 20	< 10	70	38	5
884027		0.10	66.82	14.60	5.40	0.099	2.69	3.07	3.20	1.99	0.486	0.19	1.22	99.75	13	13	93	200	18	60	30	70	18	2
884028		0.10	66.47	14.65	5.55	0.106	2.78	2.53	3.26	2.33	0.490	0.24	1.65	100.1	14	14	96	210	18	60	40	80	19	2
884029		0.03	72.15	15.92	1.04	0.035	0.43	0.68	5.28	4.08	0.040	0.23	0.87	100.7	1	119	10	< 20	2	< 20	< 10	< 30	29	4
884030		0.36	85.67	8.14	1.68	0.049	0.05	0.16	1.71	1.30	0.033	0.10	-0.02	98.87	< 1	79	< 5	20	< 1	< 20	30	50	21	2
884031		0.08	66.37	14.13	5.37	0.127	2.78	2.10	2.77	2.86	0.490	0.13	2.12	99.25	14	11	100	210	18	70	40	60	20	2
884032	2.66	0.03	71.64	16.61	0.63	0.032	0.26	0.60	6.30	2.64	0.008	0.28	0.79	99.78	< 1	164	< 5	< 20	< 1	< 20	30	< 30	35	5
884033		0.09	65.85	14.69	6.11	0.089	3.07	2.74	3.12	2.19	0.533	0.13	1.28	99.79	14	3	109	230	20	70	40	70	18	1
884034		0.11	63.32	15.25	6.10	0.107	3.26	1.95	3.50	2.65	0.532	0.15	2.14	98.96	14	5	108	200	18	70	20	70	19	2
884035	2.68	0.52	72.63	16.09	0.49	0.067	0.09	0.41	3.69	3.89	0.004	0.23	0.65	98.25	< 1	173	< 5	< 20	< 1	< 20	< 10	< 30	33	4
884036		0.60	73.25	15.69	1.34	0.071	0.18	0.56	3.41	2.95	0.003	0.17	1.20	98.83	< 1	200	< 5	< 20	17	< 20	< 10	< 30	35	3
884037		0.73	72.23	16.97	0.53	0.067	0.08	0.31	4.06	2.75	0.002	0.24	0.56	97.80	< 1	209	< 5	< 20	< 1	< 20	< 10	< 30	40	5
884038		0.12	65.68	15.34	5.63	0.100	2.86	2.72	3.32	2.19	0.504	0.15	1.17	99.67	13	7	102	180	18	70	30	120	18	2
884039		0.43	73.92	16.35	0.82	0.072	0.10	0.35	4.76	2.26	0.003	0.27	0.48	99.39	< 1	178	< 5	< 20	< 1	< 20	< 10	50	37	5
884040		0.70	72.43	15.98	3.24	0.095	0.06	0.27	3.48	2.45	0.003	0.15	0.25	98.42	< 1	155	< 5	30	1	< 20	80	120	40	4
884041		0.13	65.97	15.52	5.81	0.107	2.93	2.36	3.36	2.59	0.523	0.16	1.10	100.4	14	13	103	190	19	70	40	110	20	2
884042		0.07	71.69	14.04	2.38	0.063	0.96	1.62	5.14	1.47	0.169	0.53	0.69	98.76	5	79	31	70	7	20	< 10	50	26	3
884043		0.10	65.49	15.07	5.50	0.097	2.69	2.29	3.40	2.40	0.481	0.21	1.19	98.81	13	11	92	170	17	60	40	70	19	2
884044		0.01	72.09	15.76	0.63	0.055	0.09	1.13	7.16	0.87	0.006	0.26	0.72	98.77	< 1	233	< 5	< 20	< 1	< 20	20	< 30	34	4
884045		0.10	65.43	15.22	4.94	0.098	2.37	1.79	4.29	2.26	0.427	0.20	1.56	98.59	11	37	82	140	17	60	20	50	22	2
884046		0.08	65.41	15.92	4.52	0.091	2.15	1.95	4.54	2.10	0.390	0.25	1.36	98.69	10	51	75	130	14	50	30	60	23	2
884047	2.78	0.52	73.20	17.08	1.11	0.084	0.17	0.39	3.76	2.72	0.004	0.18	0.79	99.47	< 1	215	< 5	< 20	< 1	< 20	< 10	50	44	4
884048		0.15	64.51	15.03	5.59	0.121	2.77	1.63	3.15	3.21	0.498	0.22	1.77	98.48	13	22	98	170	16	60	30	80	20	2
884049		0.05	70.93	15.90	1.39	0.056	0.51	1.08	6.26	2.05	0.078	0.38	0.79	99.43	2	168	17	30	3	< 20	40	< 30	30	4
884050		< 0.01	98.35	0.32	1.82	0.018	0.01	0.02	0.03	0.05	0.031	< 0.01	-0.05	100.6	< 1	< 1	< 5	< 20	< 1	< 20	30	< 30	< 1	< 1
884051		0.10	65.50	15.24	5.82	0.104	2.80	1.91	3.72	2.44	0.498	0.17	1.52	99.72	13	22	97	160	16	60	350	250	18	1

Activation Laboratories Ltd. Report: A11-10641

Analyte Symbol	Spec Grav	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	-	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1
Analysis Method	GRAV	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884052		0.03	70.06	15.23	1.98	0.080	0.75	1.06	5.65	2.70	0.128	0.28	0.88	98.79	3	135	24	50	6	< 20	40	50	31	4
884053		0.08	64.53	15.34	6.40	0.107	3.18	2.30	3.42	2.63	0.545	0.16	1.65	100.3	15	7	106	200	19	70	50	70	17	1
884054		0.08	63.13	15.51	6.70	0.103	3.30	1.22	3.69	2.87	0.576	0.17	2.19	99.44	16	9	118	170	21	70	40	130	19	1
884055		0.01	71.75	15.11	1.33	0.035	0.25	0.67	5.18	3.20	0.008	0.22	1.02	98.78	< 1	152	< 5	< 20	2	< 20	20	< 30	36	3
884056	2.64	< 0.01	71.69	15.59	1.04	0.023	0.12	0.68	4.73	5.07	0.001	0.25	0.84	100.0	< 1	128	< 5	< 20	< 1	< 20	50	< 30	28	3
884057		0.08	61.54	15.21	7.14	0.119	3.34	1.80	3.02	3.49	0.582	0.26	2.25	98.75	15	11	123	210	23	80	100	90	22	2
884058		0.09	62.23	15.71	7.10	0.128	3.44	2.73	2.79	2.98	0.578	0.16	2.10	99.95	15	4	117	210	20	70	50	100	20	1
884059		0.37	73.03	14.91	1.88	0.096	0.33	0.65	4.01	2.64	0.003	0.26	1.09	98.89	< 1	187	< 5	< 20	< 1	< 20	< 10	< 30	37	3
884060		0.37	86.62	8.19	1.67	0.049	0.05	0.15	1.72	1.32	0.035	0.08	0.06	99.93	< 1	77	< 5	< 20	< 1	< 20	20	40	19	2
884061		0.31	70.12	14.67	2.14	0.093	0.38	2.36	2.55	4.48	0.003	0.18	2.73	99.72	< 1	132	< 5	< 20	< 1	< 20	< 10	30	34	2
884062		0.10	70.85	13.97	2.22	0.110	0.41	2.42	2.91	4.61	0.002	0.30	2.67	100.5	< 1	94	< 5	< 20	< 1	< 20	< 10	50	29	3
884063	2.73	0.67	72.73	16.27	1.27	0.104	0.08	0.29	2.93	4.47	0.002	0.37	0.50	99.02	< 1	192	< 5	< 20	< 1	< 20	< 10	30	36	4
884064		0.73	72.54	15.10	2.25	0.100	0.84	0.76	3.20	2.03	0.194	0.21	0.79	98.02	2	156	29	40	5	40	20	40	36	3
884065		0.36	74.56	15.39	1.55	0.110	0.18	0.41	4.33	2.45	0.003	0.37	0.76	100.1	< 1	205	< 5	< 20	< 1	< 20	< 10	< 30	35	3
884066		0.36	74.72	15.07	1.47	0.110	0.19	0.41	4.31	2.25	0.003	0.43	0.82	99.78	< 1	272	< 5	< 20	< 1	< 20	100	60	35	3
884067		0.53	74.01	15.91	1.19	0.077	0.07	0.33	4.45	2.10	0.003	0.20	0.63	98.98	< 1	164	< 5	< 20	< 1	< 20	< 10	< 30	37	3
884068		0.02	71.65	15.50	0.93	0.037	0.15	0.86	6.84	1.66	0.023	0.18	0.66	98.48	< 1	415	6	< 20	1	< 20	20	< 30	33	3
884069		0.10	62.48	15.02	6.47	0.101	3.41	3.27	2.82	2.49	0.568	0.15	1.31	98.09	15	4	116	200	19	60	40	70	18	1
884070		0.71	73.01	15.68	3.34	0.093	0.06	0.28	3.39	2.50	0.004	0.13	0.06	98.55	< 1	153	< 5	40	1	20	270	230	38	5

Activation Laboratories Ltd. Report: A11-10641

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884001	< 5	98	305	14	140	7	< 2	1.1	< 0.2	2	< 0.5	36.4	894	< 0.4	3.2	0.5	< 1	0.6	31	8.8	2.4
884002	< 5	34	162	8	46	2	< 2	< 0.5	< 0.2	2	< 0.5	5.7	321	0.6	1.1	0.2	9	0.2	16	3.5	0.9
884003	< 5	78	457	14	154	6	< 2	1.1	< 0.2	2	< 0.5	9.6	611	< 0.4	3.7	0.5	< 1	0.4	28	8.3	2.5
884004	< 5	99	397	12	117	5	< 2	0.9	< 0.2	4	< 0.5	22.1	630	< 0.4	2.7	0.6	< 1	0.7	29	7.1	2.0
884005	< 5	35	76	< 2	10	< 1	< 2	< 0.5	< 0.2	2	< 0.5	4.3	150	< 0.4	< 0.2	< 0.1	1	0.2	14	0.5	0.1
884006	< 5	41	53	< 2	9	1	< 2	< 0.5	< 0.2	2	< 0.5	9.8	198	< 0.4	< 0.2	0.1	< 1	0.2	11	0.4	0.1
884007	< 5	87	391	13	155	6	< 2	1.0	< 0.2	2	< 0.5	13.4	780	< 0.4	3.5	0.5	< 1	0.5	23	7.8	2.4
884008	< 5	205	430	12	134	6	< 2	0.8	< 0.2	7	< 0.5	99.4	485	0.6	3.1	0.5	< 1	1.8	32	7.1	2.0
884009	< 5	328	43	< 2	23	54	< 2	< 0.5	< 0.2	63	< 0.5	27.9	53	1.2	2.9	179	< 1	2.1	19	3.4	5.3
884010	< 5	618	41	< 2	19	47	21	< 0.5	< 0.2	81	< 0.5	39.6	102	0.7	1.9	30.1	1	3.9	25	1.9	4.6
884011	< 5	242	395	11	135	6	< 2	0.9	< 0.2	5	< 0.5	80.3	522	< 0.4	3.1	0.9	< 1	2.3	27	7.3	2.2
884012	< 5	185	318	8	114	7	< 2	0.7	< 0.2	14	< 0.5	42.1	405	< 0.4	2.6	4.9	< 1	1.6	24	6.3	2.1
884013	< 5	454	62	< 2	24	75	< 2	< 0.5	< 0.2	45	< 0.5	51.1	93	0.6	2.8	133	2	2.8	23	2.7	6.2
884014	< 5	258	395	11	117	8	< 2	0.7	< 0.2	11	< 0.5	79.9	514	< 0.4	2.8	4.3	< 1	2.3	24	6.4	2.1
884015	< 5	613	24	< 2	11	33	< 2	< 0.5	< 0.2	74	< 0.5	43.3	29	2.8	1.0	33.8	< 1	4.0	24	1.3	4.1
884016	< 5	957	32	< 2	15	45	< 2	< 0.5	< 0.2	66	< 0.5	62.3	24	2.4	1.2	36.1	< 1	7.0	30	1.7	5.9
884017	< 5	687	31	< 2	11	35	< 2	< 0.5	< 0.2	55	< 0.5	46.4	28	1.0	1.0	32.9	< 1	4.8	25	1.5	4.9
884018	< 5	719	25	< 2	7	23	< 2	< 0.5	< 0.2	50	< 0.5	50.8	28	4.7	0.8	26.8	< 1	4.8	25	1.1	3.9
884019	< 5	559	24	< 2	10	20	< 2	< 0.5	< 0.2	49	< 0.5	44.4	28	9.5	0.9	18.9	< 1	3.9	27	1.0	4.6
884020	< 5	3	3	< 2	60	< 1	< 2	< 0.5	< 0.2	2	< 0.5	< 0.5	25	< 0.4	1.2	0.1	< 1	0.3	12	0.6	0.3
884021	< 5	483	66	< 2	23	41	83	< 0.5	< 0.2	37	< 0.5	53.3	104	2.3	2.2	96.6	< 1	3.0	25	2.0	5.3
884022	< 5	392	328	10	115	7	< 2	0.7	< 0.2	24	< 0.5	142	434	0.4	2.9	4.5	< 1	3.5	32	6.6	2.0
884023	< 5	323	65	2	24	75	< 2	< 0.5	< 0.2	74	< 0.5	41.2	88	1.8	3.3	150	< 1	2.3	34	2.9	9.5
884024	< 5	260	376	10	124	7	< 2	0.7	< 0.2	16	< 0.5	110	493	< 0.4	2.9	3.4	< 1	2.4	24	6.8	2.0
884025	< 5	286	66	2	31	91	< 2	< 0.5	< 0.2	124	< 0.5	51.2	91	2.8	3.9	170	< 1	2.0	29	4.6	10.1
884026	< 5	387	84	< 2	36	93	< 2	< 0.5	< 0.2	105	< 0.5	63.6	115	3.0	3.9	162	< 1	2.7	31	4.6	10.3
884027	< 5	225	334	10	112	10	< 2	0.6	< 0.2	12	< 0.5	159	505	< 0.4	3.0	12.6	8	2.1	29	6.6	2.3
884028	< 5	311	374	10	118	9	< 2	0.7	< 0.2	18	< 0.5	111	499	0.6	3.0	10.2	< 1	2.7	24	6.6	2.3
884029	< 5	969	86	2	27	61	< 2	< 0.5	< 0.2	54	< 0.5	69.2	213	1.6	3.0	211	< 1	6.9	25	2.8	5.9
884030	< 5	318	24	2	61	19	12	< 0.5	< 0.2	39	< 0.5	20.2	59	< 0.4	1.8	14.8	1	2.1	18	2.3	2.7
884031	< 5	314	315	9	121	9	< 2	0.7	< 0.2	25	< 0.5	62.9	686	0.7	3.1	11.8	< 1	2.6	17	6.6	2.5
884032	< 5	917	59	< 2	26	64	< 2	< 0.5	< 0.2	105	< 0.5	72.4	181	1.8	3.7	185	< 1	6.5	25	2.5	8.8
884033	< 5	141	412	12	128	6	< 2	0.7	< 0.2	6	< 0.5	42.5	468	< 0.4	3.2	1.9	< 1	1.5	23	7.2	2.1
884034	< 5	335	265	10	112	6	< 2	0.7	< 0.2	16	< 0.5	101	528	0.5	2.9	1.0	< 1	3.0	20	6.3	2.0
884035	< 5	1130	41	< 2	8	53	< 2	< 0.5	< 0.2	72	< 0.5	75.1	159	3.4	1.3	65.2	< 1	8.6	26	1.9	4.9
884036	< 5	761	35	< 2	10	56	< 2	< 0.5	< 0.2	63	< 0.5	52.0	248	1.4	1.3	46.9	< 1	5.7	20	2.2	4.7
884037	< 5	997	34	< 2	17	63	< 2	< 0.5	< 0.2	107	< 0.5	94.5	86	1.8	2.6	136	1	7.8	26	2.5	8.8
884038	< 5	268	345	11	115	7	< 2	0.6	< 0.2	10	< 0.5	125	491	< 0.4	2.8	5.4	< 1	2.8	40	6.0	1.9
884039	< 5	833	46	< 2	24	62	< 2	< 0.5	< 0.2	95	< 0.5	88.2	173	2.1	3.7	145	1	5.6	26	2.1	9.2
884040	< 5	620	44	< 2	15	40	19	< 0.5	< 0.2	77	< 0.5	40.1	104	< 0.4	1.7	29.4	1	3.9	27	1.8	4.5
884041	< 5	685	319	11	110	8	< 2	0.6	< 0.2	18	< 0.5	276	534	< 0.4	2.8	6.2	< 1	7.1	25	6.0	2.4
884042	< 5	525	186	5	52	26	< 2	< 0.5	< 0.2	37	< 0.5	141	290	1.4	2.2	41.3	< 1	5.0	20	3.2	3.9
884043	< 5	488	305	9	108	8	< 2	0.6	< 0.2	15	< 0.5	190	539	0.5	2.6	6.9	1	4.7	20	5.9	2.1
884044	< 5	237	136	4	30	93	< 2	< 0.5	< 0.2	33	< 0.5	42.8	147	1.2	4.3	260	2	1.3	13	3.5	10.6
884045	< 5	675	232	9	96	16	< 2	0.7	< 0.2	35	< 0.5	243	354	0.4	2.5	18.6	2	5.9	9	5.5	2.9
884046	< 5	500	250	8	87	16	< 2	0.6	< 0.2	25	< 0.5	170	376	< 0.4	2.6	21.6	2	4.6	10	5.4	3.1
884047	< 5	678	53	< 2	14	50	< 2	< 0.5	< 0.2	86	< 0.5	67.8	158	3.1	1.8	69.9	2	4.5	18	2.4	5.4
884048	< 5	1420	246	10	113	7	< 2	0.6	< 0.2	56	< 0.5	420	486	0.9	2.7	3.8	5	14.5	8	6.1	2.1
884049	< 5	576	138	3	43	65	2	< 0.5	< 0.2	41	< 0.5	149	214	1.5	3.8	146	2	4.8	13	2.4	7.4
884050	< 5	2	5	< 2	67	1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	25	< 0.4	1.5	0.3	< 1	0.3	< 5	0.8	0.3
884051	< 5	383	291	9	109	8	< 2	0.6	< 0.2	16	< 0.5	170	474	0.6	2.5	7.7	< 1	3.7	20	5.8	2.2
884052	< 5	566	108	5	44	44	< 2	< 0.5	< 0.2	38	5.1	112	230	0.8	2.6	73.7	< 1	4.2	14	3.3	6.5

Activation Laboratories Ltd. Report: A11-10641

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884053	< 5	175	292	12	128	6	2	0.6	< 0.2	5	< 0.5	65.4	671	0.4	2.9	2.4	< 1	1.5	15	6.3	2.1
884054	< 5	193	244	13	135	6	< 2	0.6	< 0.2	16	< 0.5	48.3	728	0.4	3.0	0.6	1	1.3	48	7.3	2.1
884055	< 5	486	131	2	12	29	< 2	< 0.5	< 0.2	62	< 0.5	16.5	438	1.0	1.0	27.5	< 1	2.3	9	1.5	5.1
884056	< 5	1210	92	< 2	11	43	< 2	< 0.5	< 0.2	46	< 0.5	66.0	382	0.8	1.2	64.1	< 1	8.2	16	1.8	3.8
884057	< 5	296	235	12	155	11	4	0.7	< 0.2	20	< 0.5	148	822	0.7	3.6	9.9	< 1	2.1	52	7.8	3.0
884058	< 5	149	427	11	144	6	< 2	0.7	< 0.2	8	< 0.5	52.1	748	< 0.4	3.2	1.2	< 1	1.0	14	7.2	2.2
884059	< 5	635	50	< 2	10	35	< 2	< 0.5	< 0.2	72	< 0.5	59.9	212	2.1	1.1	40.9	< 1	4.2	12	1.8	5.1
884060	< 5	305	25	2	69	21	11	< 0.5	< 0.2	37	< 0.5	20.0	60	< 0.4	2.0	14.9	1	2.1	9	2.3	2.4
884061	< 5	806	74	< 2	7	24	< 2	< 0.5	< 0.2	49	< 0.5	58.0	419	10.7	0.3	11.1	< 1	5.5	11	0.8	2.3
884062	< 5	942	90	< 2	8	34	< 2	< 0.5	< 0.2	52	< 0.5	65.3	562	6.6	0.8	32.4	< 1	7.0	15	1.8	3.4
884063	< 5	1270	44	< 2	13	39	< 2	< 0.5	< 0.2	57	< 0.5	85.4	98	4.6	1.2	28.3	< 1	10.3	19	1.9	5.1
884064	< 5	611	45	< 2	20	34	< 2	< 0.5	< 0.2	63	< 0.5	56.5	44	2.5	1.2	36.3	< 1	4.8	12	1.9	3.9
884065	< 5	561	40	< 2	9	26	< 2	< 0.5	< 0.2	50	< 0.5	40.2	101	9.3	0.8	24.5	< 1	3.6	11	0.8	4.3
884066	< 5	533	38	< 2	9	29	< 2	< 0.5	< 0.2	51	< 0.5	42.9	95	12.2	0.8	24.6	< 1	3.4	16	0.8	4.2
884067	< 5	467	31	< 2	9	19	< 2	< 0.5	< 0.2	38	< 0.5	33.0	69	4.7	0.6	11.8	< 1	2.9	11	0.8	2.7
884068	< 5	341	54	< 2	15	28	< 2	< 0.5	< 0.2	31	< 0.5	29.9	112	0.8	1.1	39.2	< 1	2.1	11	1.4	4.7
884069	< 5	151	481	12	132	5	< 2	< 0.5	< 0.2	6	< 0.5	75.9	535	< 0.4	2.6	0.5	< 1	1.2	14	6.4	2.0
884070	< 5	617	47	< 2	20	39	21	< 0.5	< 0.2	80	< 0.5	40.5	108	1.7	1.6	26.3	1	4.3	42	1.8	5.4

Activation Laboratories Ltd. Report: A11-10641

Quality Control																									
Analyte Symbol	Spec Grav	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	
Unit Symbol	-	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	
Analysis Method	GRAV	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	

TAN-1 Meas																														
TAN-1 Cert																														
NIST 694 Meas			11.16	1.94	0.76	0.014	0.36	44.36	0.90	0.58	0.121	30.20					1676													
NIST 694 Cert			11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740													
DNC-1 Meas			47.07	18.78	9.76	0.146	9.95	11.06	1.88	0.23	0.475	0.08			31		152		270		58		250							
DNC-1 Cert			47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0		270.000		57.0		247.000							
GBW 07113 Meas			66.32	12.36	3.14	0.138	0.14	0.55	2.39	5.29	0.272	0.05			5	4	< 5													
GBW 07113 Cert			72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00													
LKSD-3 Meas																														
LKSD-3 Cert																														
W-2a Meas			52.96	15.45	10.89	0.167	6.31	10.68	2.21	0.65	1.072	0.15			36	< 1	276		90		44		60	110	80	18	2			
W-2a Cert			52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262		92.0		43.0		70.0	110	80.0	17.0	1.00			
SY-4 Meas			49.44	20.49	6.19	0.107	0.51	7.86	6.99	1.69	0.286	0.14			1	3	6													
SY-4 Cert			49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0													
CTA-AC-1 Meas																														
CTA-AC-1 Cert																														
BIR-1a Meas			47.90	15.82	11.34	0.173	9.62	13.13	1.84	0.02	0.975	0.03			44	< 1	336		370		54		170			15				
BIR-1a Cert			47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310		370		52		170			16				
NCS DC86312 Meas																														
NCS DC86312 Cert																														
ZW-C Meas		1.12																								1050	99			
ZW-C Cert		1.13																								1050	99			
NCS DC70014 Meas																										25	70	2570	7390	24
NCS DC70014 Cert																										26.2	70.9	2600.00	7400.00	25.2
NCS DC86316 Meas																														
NCS DC86316 Cert																														
NCS DC70009 (GBW07241) Meas																														
NCS DC70009 (GBW07241) Cert																														
OREAS 100a (Fusion) Meas																														
OREAS 100a (Fusion) Cert																														
OREAS 101a (Fusion) Meas																														
OREAS 101a (Fusion) Cert																														
JR-1 Meas																														
JR-1 Cert																														
SARM 3 Meas																														
SARM 3 Cert																														
NCS DC86303 Meas		0.22																												
NCS DC86303 Cert		0.21																												
NCS DC86304 Meas		1.05																												
NCS DC86304 Cert		1.06																												
NCS DC86314 Meas		1.80																												
NCS DC86314 Cert		1.81																												
884010 Orig		0.69																												
884010 Dup		0.70																												
884015 Orig																														
884015 Dup																														
884030 Orig		0.34																												
884030 Dup		0.37																												
884032 Orig			71.82	17.22	0.61	0.031	0.26	0.56	6.30	2.64	0.007	0.27	0.79	100.5	1	164	< 5	< 20	< 1	< 20	20	< 30	36					5		
884032 Dup			71.47	16.00	0.64	0.033	0.26	0.64	6.30	2.64	0.008	0.29	0.79	99.06	< 1	163	< 5	< 20	< 1	< 20	50	50	35					5		
884040 Orig		0.69																												
884040 Dup		0.71																												

Activation Laboratories Ltd. Report: A11-10641

Quality Control																										
Analyte Symbol	Spec Grav	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge		
Unit Symbol	-	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	1	20	10	30	1	1		
Analysis Method	GRAV	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
884043 Orig			64.86	14.98	5.46	0.096	2.67	2.28	3.35	2.38	0.488	0.21	1.19	97.96	12	11	93	170	17	60	40	70	19	1		
884043 Dup			66.12	15.16	5.53	0.097	2.71	2.31	3.45	2.42	0.474	0.20	1.19	99.66	13	12	92	170	17	60	40	70	19	2		
884050 Orig		< 0.01																								
884050 Dup		< 0.01																								
884051 Orig		0.10	65.50	15.24	5.82	0.104	2.80	1.91	3.72	2.44	0.498	0.17	1.52	99.72	13	22	97	160	16	60	350	250	18	1		
884051 Split		0.10	65.78	15.08	5.82	0.108	2.84	1.88	3.65	2.43	0.510	0.15	1.47	99.73	13	16	99	160	16	60	40	70	18	1		
884058 Orig			62.07	15.93	7.10	0.128	3.43	2.74	2.77	2.96	0.578	0.16	2.10	99.96	15	4	117	210	20	70	50	90	20	1		
884058 Dup			62.40	15.48	7.10	0.128	3.45	2.73	2.81	3.01	0.579	0.16	2.10	99.95	15	4	116	210	20	70	50	100	20	1		
884060 Orig		0.36																								
884060 Dup		0.37																								
884061 Orig		0.31	70.12	14.67	2.14	0.093	0.38	2.36	2.55	4.48	0.003	0.18	2.73	99.72	< 1	132	< 5	< 20	< 1	< 20	< 10	30	34	2		
884061 Split		0.31	69.95	14.21	2.12	0.093	0.39	2.32	2.60	4.58	0.003	0.16	2.75	99.18	< 1	132	< 5	< 20	< 1	< 20	< 10	30	34	3		
Method Blank Method Blank	1.00																									
Method Blank Method Blank		< 0.01																								
Method Blank Method Blank		< 0.01																								
Method Blank Method Blank		< 0.01																								
Method Blank Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1		

Activation Laboratories Ltd. Report: A11-10641

Quality Control

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1		
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
TAN-1 Meas																					2410		
TAN-1 Cert																						2360	
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas			144	16	44						1.0		106										
DNC-1 Cert			144.0	18.0	38						0.96		118										
GBW 07113 Meas			41	44	399								490										
GBW 07113 Cert			43.0	43.0	403								506										
LKSD-3 Meas	26	72						< 2	2.2	3	1.2	2.3			4.1	0.7	< 1			10.3	4.6		
LKSD-3 Cert	27.0	78.0						2.00	2.70	3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60		
W-2a Meas	< 5	20	199	19	87	8		< 2	< 0.5		0.8	0.9	176	< 0.4	2.4	0.5	< 1	< 0.1	8	2.8	0.6		
W-2a Cert	1.20	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530		
SY-4 Meas			1186	118	544								345										
SY-4 Cert			1191	119	517								340										
CTA-AC-1 Meas																		2.7			22.9	4.4	
CTA-AC-1 Cert																		2.65			21.8	4.4	
BIR-1a Meas	< 5		110	14	16	< 1					1.0		8		0.5								
BIR-1a Cert	0.44		110	16	18	0.6					0.58		6		0.60								
NCS DC86312 Meas																					24.5		
NCS DC86312 Cert																					23.6		
ZW-C Meas		8500																					
ZW-C Cert		8500																					
NCS DC70014 Meas							270	16.6			180								27200				
NCS DC70014 Cert							270	16.7			180.000								27200.00				
NCS DC86316 Meas																							
NCS DC86316 Cert																							
NCS DC70009 (GBW07241) Meas	71	503							1.3	1700	4.5	43.3					2200				29.3		
NCS DC70009 (GBW07241) Cert	69.9	500.00							1.3	1701.000	3.1	41					2200.00				28.3		
OREAS 100a (Fusion) Meas							23														51.1	141	
OREAS 100a (Fusion) Cert							24.1														51.6	135	
OREAS 101a (Fusion) Meas							20														35.2	420	
OREAS 101a (Fusion) Cert							21.9														36.6	422	
JR-1 Meas	16	250				15	3	< 0.5	< 0.2		1.1	20.8		0.6	4.2	1.8		1.5	21	26.2	9.4		
JR-1 Cert	16.3	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86		1.56	19.3	26.7	8.88		
SARM 3 Meas							979																
SARM 3 Cert							978																
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
884010 Orig																							
884010 Dup																							
884015 Orig	< 5	613				33	< 2	< 0.5	< 0.2	74	< 0.5	43.3		2.8	1.1	33.8	< 1	4.0	24	1.4	4.2		
884015 Dup	< 5	628				36	< 2	< 0.5	< 0.2	77	< 0.5	44.5		4.2	0.9	38.1	< 1	4.2	25	1.3	4.0		
884030 Orig																							
884030 Dup																							
884032 Orig	< 5	922	57	2	28	65	< 2	< 0.5	< 0.2	108	< 0.5	72.9	178	2.0	3.8	183	< 1	6.5	23	2.5	8.8		
884032 Dup	< 5	912	62	< 2	24	62	14	< 0.5	< 0.2	103	< 0.5	72.0	185	1.6	3.7	187	< 1	6.4	26	2.5	8.8		
884040 Orig																							
884040 Dup																							
884043 Orig	< 5	485	297	9	108	8	< 2	0.5	< 0.2	15	< 0.5	188	534	0.5	2.6	7.2	1	4.7	20	6.0	2.1		

Activation Laboratories Ltd. Report: A11-10641

Quality Control																					
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884043 Dup	< 5	492	314	9	108	8	< 2	0.6	< 0.2	15	< 0.5	191	544	0.5	2.6	6.6	1	4.8	21	5.9	2.1
884050 Orig																					
884050 Dup																					
884051 Orig	< 5	383	291	9	109	8	< 2	0.6	< 0.2	16	< 0.5	170	474	0.6	2.5	7.7	< 1	3.7	20	5.8	2.2
884051 Split	< 5	369	291	10	113	8	< 2	< 0.5	< 0.2	14	< 0.5	163	470	0.5	2.7	6.8	< 1	3.6	17	5.8	2.1
884058 Orig	< 5	148	428	11	147	6	< 2	0.7	< 0.2	7	< 0.5	51.5	747	< 0.4	3.2	1.2	< 1	1.0	13	7.1	2.2
884058 Dup	< 5	150	426	11	140	6	< 2	0.7	< 0.2	8	< 0.5	52.6	749	< 0.4	3.1	1.2	< 1	1.0	14	7.3	2.2
884060 Orig																					
884060 Dup																					
884061 Orig	< 5	806	74	< 2	7	24	< 2	< 0.5	< 0.2	49	< 0.5	58.0	419	10.7	0.3	11.1	< 1	5.5	11	0.8	2.3
884061 Split	< 5	816	74	< 2	5	25	< 2	< 0.5	< 0.2	50	< 0.5	59.3	417	10.3	0.3	11.5	< 1	5.4	14	0.8	2.3
Method Blank Method Blank																					
Method Blank Method Blank																					
Method Blank Method Blank																					
Method Blank Method Blank																					
Method Blank Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1

Quality Analysis ...



Innovative Technologies

Date Submitted: 26-Sep-11
Invoice No.: A11-11016
Invoice Date: 31-Oct-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

4 Pulp samples and 41 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-11016**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-11016

Analyte Symbol	Li	Spec Grav	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	-	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1
Analysis Method	FUS- Na2O2	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884071	0.14		63.78	16.45	6.35	0.102	2.84	1.85	3.61	3.18	0.553	0.31	1.97	101.0	14	40	106	220	27	60	20	60	23	3
884072	0.31	2.74	80.41	11.26	1.35	0.060	0.28	0.48	2.13	2.75	0.043	0.17	1.19	100.1	1	79	8	< 20	3	< 20	< 10	< 30	26	3
884073	0.42		75.03	13.84	1.09	0.063	0.23	0.45	2.99	3.30	0.002	0.18	0.96	98.13	< 1	169	< 5	< 20	3	< 20	< 10	30	33	4
884074	0.35		73.41	16.10	0.94	0.045	0.19	0.34	4.44	3.01	0.003	0.12	1.31	99.92	< 1	184	< 5	< 20	1	< 20	< 10	70	40	4
884075	0.05		73.10	15.83	1.20	0.063	0.19	0.45	5.47	2.50	0.003	0.14	1.11	100.1	< 1	277	< 5	< 20	2	< 20	< 10	< 30	38	4
884076	0.14		60.23	16.48	6.99	0.102	3.50	2.34	3.45	3.13	0.654	0.19	1.93	98.98	18	14	131	250	32	70	50	70	21	3
884077	0.13		65.74	15.37	5.90	0.104	2.95	2.34	3.49	2.79	0.499	0.22	1.25	100.7	13	36	100	230	25	50	40	90	24	2
884078	0.72		77.13	14.86	1.02	0.084	0.14	0.33	3.89	1.48	0.016	0.13	0.80	99.90	< 1	210	< 5	< 20	1	< 20	< 10	70	36	4
884079	0.77	2.77	74.88	15.66	0.89	0.085	0.06	0.24	3.66	2.19	0.003	0.18	0.47	98.33	< 1	178	< 5	< 20	< 1	< 20	< 10	40	39	5
884080	< 0.01		97.75	0.38	1.10	0.011	0.02	0.03	0.04	0.06	0.030	0.01	0.17	99.60	< 1	< 1	< 5	< 20	1	< 20	< 10	< 30	1	1
884081	0.31		74.62	16.02	0.64	0.113	0.03	0.23	5.33	2.50	0.003	0.18	0.61	100.3	< 1	202	< 5	< 20	< 1	< 20	160	50	38	5
884082	0.15		62.31	15.23	7.90	0.110	3.73	3.34	2.60	2.79	0.620	0.20	1.19	100.0	17	9	131	320	34	70	70	90	21	2
884083	0.20		65.00	15.49	6.63	0.123	2.95	2.19	3.49	2.73	0.507	0.19	1.25	100.6	13	69	108	310	27	50	80	110	24	3
884084	0.32	2.69	72.79	16.02	0.64	0.053	0.02	0.25	3.76	5.43	0.003	0.19	0.34	99.50	< 1	162	< 5	< 20	< 1	< 20	< 10	250	27	4
884085	0.45		73.04	16.71	0.78	0.080	0.07	0.50	4.40	3.71	0.016	0.27	0.41	99.99	< 1	174	< 5	< 20	< 1	< 20	< 10	50	30	5
884086	0.27		71.94	16.27	0.60	0.074	0.05	0.45	4.30	5.11	0.008	0.27	0.39	99.46	< 1	166	< 5	< 20	< 1	< 20	< 10	50	28	5
884087	0.14		64.03	16.00	6.57	0.099	3.19	2.47	3.41	2.84	0.580	0.18	1.16	100.5	16	19	118	200	30	70	40	80	21	2
884088	0.12		64.73	15.29	5.15	0.097	2.98	1.88	4.09	2.71	0.558	0.39	1.74	99.60	10	83	95	170	25	80	20	70	29	4
884089	0.81		76.06	16.24	0.88	0.078	0.05	0.23	3.92	1.68	0.005	0.19	0.43	99.77	< 1	235	< 5	< 20	< 1	< 20	< 10	90	39	5
884090	0.37		87.42	8.07	1.70	0.049	0.05	0.15	1.68	1.28	0.036	0.06	0.03	100.5	< 1	77	< 5	20	1	< 20	30	50	19	3
884091	0.77	2.77	76.40	16.08	0.92	0.069	0.02	0.24	3.47	2.70	0.002	0.14	0.41	100.4	< 1	226	< 5	< 20	< 1	< 20	< 10	< 30	34	4
884092	0.23		69.02	17.32	0.94	0.068	0.15	1.70	5.69	2.15	0.008	0.23	2.71	99.98	< 1	193	< 5	< 20	< 1	< 20	< 10	40	42	4
884093	0.21		66.10	15.93	5.14	0.133	2.42	3.67	3.19	2.15	0.455	0.32	1.04	100.6	12	60	94	190	22	40	40	90	25	3
884094	0.38	2.73	73.48	16.16	0.83	0.041	0.14	0.38	4.42	3.13	0.008	0.11	0.68	99.37	< 1	146	< 5	< 20	< 1	< 20	< 10	70	35	4
884095	0.05		71.27	15.75	1.38	0.057	0.40	0.88	6.69	1.46	0.072	0.20	0.80	98.95	2	130	14	30	2	< 20	< 10	30	29	4
884096	0.12		63.71	15.10	6.45	0.142	3.24	3.94	3.32	1.81	0.553	0.22	1.58	100.1	15	10	119	240	27	50	50	100	20	2
884097	0.12		65.93	15.13	5.39	0.091	2.78	3.20	3.42	2.41	0.459	0.17	0.91	99.89	12	33	95	200	23	50	40	70	22	2
884098	0.59	2.77	74.10	15.56	1.09	0.089	0.08	0.37	3.61	2.91	0.010	0.23	0.56	98.59	< 1	151	< 5	< 20	< 1	< 20	< 10	40	40	5
884099	0.11		63.75	15.14	6.33	0.098	3.29	3.96	3.19	2.02	0.545	0.24	0.99	99.55	14	8	112	240	27	50	40	70	20	2
884100	0.73		74.81	15.43	3.32	0.096	0.06	0.27	3.39	2.45	0.004	0.14	0.13	100.1	< 1	158	< 5	30	2	< 20	50	80	39	5
884101	0.14		65.08	14.77	6.40	0.092	3.29	3.76	3.21	1.90	0.552	0.17	1.53	100.8	15	4	116	240	28	50	50	80	18	1
884102	0.81	2.79	75.49	15.91	0.91	0.102	0.02	0.22	3.92	1.94	0.004	0.12	0.49	99.11	< 1	224	< 5	< 20	< 1	< 20	< 10	80	40	4
884103	0.20		71.89	16.34	0.72	0.075	0.06	0.47	5.69	1.90	0.003	0.21	0.68	98.03	< 1	200	< 5	< 20	< 1	< 20	< 10	50	44	5
884104	0.12		63.84	14.88	6.54	0.095	3.32	3.75	3.09	1.93	0.560	0.14	0.99	99.13	15	2	114	250	28	60	40	80	18	1
884105	0.09		64.87	15.36	6.68	0.095	3.50	3.15	3.11	2.29	0.554	0.14	1.18	100.9	15	2	123	250	28	60	50	90	18	1
884106	0.09		64.25	15.21	6.86	0.101	3.39	3.32	3.13	2.27	0.581	0.15	1.16	100.4	15	2	118	250	28	50	50	100	19	1
884107	0.39	2.78	74.09	15.25	0.94	0.059	0.10	0.40	4.48	2.70	0.022	0.18	0.56	98.78	< 1	134	6	< 20	1	< 20	< 10	40	34	4
884108	0.44		74.96	15.84	1.01	0.052	0.11	0.49	5.85	0.87	0.019	0.20	0.35	99.76	< 1	212	< 5	< 20	1	< 20	< 10	40	36	4
884109	0.11		63.54	15.08	6.13	0.105	3.05	3.18	3.24	2.20	0.522	0.20	1.19	98.44	14	15	104	210	24	50	40	80	18	2
884110	< 0.01		98.38	0.41	0.54	0.007	0.02	0.03	0.05	0.07	0.032	0.02	0.01	99.58	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	1
884111	0.08		65.33	15.55	4.98	0.109	2.30	4.85	3.33	1.56	0.477	0.73	0.81	100.0	12	19	97	190	23	50	30	80	21	2
884112	0.30	2.72	78.79	13.57	0.89	0.088	0.05	0.37	4.01	2.45	0.006	0.26	0.45	100.9	< 1	206	< 5	< 20	< 1	< 20	< 10	110	28	4
884113	0.54		75.34	15.27	1.05	0.099	0.03	0.24	2.61	4.94	0.002	0.16	0.38	100.1	< 1	214	< 5	< 20	< 1	< 20	10	230	30	4
884114	0.30		73.98	15.18	1.36	0.101	0.20	0.56	3.83	3.51	0.007	0.23	0.91	99.87	< 1	166	< 5	< 20	1	< 20	10	40	35	4
884115	0.11		63.23	15.96	5.72	0.120	3.02	2.22	3.75	2.12	0.575	0.16	2.05	98.91	15	6	120	230	26	90	40	120	20	2

Activation Laboratories Ltd. Report: A11-11016

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884071	< 5	723	274	10	120	15	< 2	0.6	< 0.2	70	< 0.5	299	531	0.6	3.1	18.2	2	5.4	8	7.1	2.3
884072	< 5	569	36	< 2	15	16	3	< 0.5	< 0.2	55	< 0.5	47.2	141	3.0	0.7	15.6	2	3.4	9	1.5	3.1
884073	< 5	682	57	< 2	12	56	< 2	< 0.5	< 0.2	66	< 0.5	51.3	358	1.4	1.1	33.4	3	3.8	11	2.2	4.9
884074	< 5	638	50	< 2	22	67	7	< 0.5	< 0.2	75	< 0.5	54.5	203	4.4	3.0	79.3	2	3.7	12	3.0	4.8
884075	< 5	567	38	< 2	16	25	< 2	< 0.5	< 0.2	61	< 0.5	43.6	89	8.6	1.4	22.9	1	3.2	10	1.7	5.6
884076	< 5	478	335	11	127	8	< 2	0.5	< 0.2	25	< 0.5	306	729	< 0.4	3.0	1.2	1	3.6	11	7.9	2.6
884077	< 5	570	367	9	123	18	2	< 0.5	< 0.2	58	< 0.5	274	544	< 0.4	3.4	26.0	< 1	4.9	15	7.1	3.5
884078	< 5	453	36	< 2	18	50	< 2	< 0.5	< 0.2	75	< 0.5	55.9	47	1.2	2.1	75.9	< 1	3.1	13	2.3	7.6
884079	< 5	627	22	< 2	15	62	< 2	< 0.5	< 0.2	89	< 0.5	51.8	78	1.8	2.1	92.7	< 1	4.4	14	2.5	6.4
884080	< 5	3	5	< 2	56	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	26	< 0.4	1.3	0.3	< 1	< 0.1	< 5	0.6	0.3
884081	< 5	756	29	< 2	18	64	5	< 0.5	< 0.2	109	< 0.5	61.9	35	0.9	2.4	91.3	1	4.8	15	2.4	7.5
884082	< 5	368	477	10	154	9	< 2	1.2	< 0.2	17	< 0.5	198	594	0.4	3.6	5.9	< 1	3.0	13	8.6	2.9
884083	< 5	648	321	8	160	23	< 2	0.7	< 0.2	28	< 0.5	290	468	1.1	4.2	31.1	< 1	6.1	18	8.3	4.9
884084	< 5	1760	45	< 2	9	48	< 2	< 0.5	< 0.2	38	< 0.5	103	21	< 0.4	0.8	56.4	< 1	13.8	25	2.2	4.4
884085	< 5	1020	47	< 2	20	57	< 2	< 0.5	< 0.2	73	< 0.5	90.2	51	2.7	2.7	98.1	< 1	9.2	23	4.0	7.8
884086	< 5	1530	53	< 2	23	52	< 2	< 0.5	< 0.2	58	< 0.5	103	49	1.5	2.5	88.1	1	12.1	29	1.8	7.5
884087	< 5	428	380	11	115	12	< 2	< 0.5	< 0.2	22	< 0.5	247	819	< 0.4	3.2	21.8	< 1	3.7	16	7.3	2.7
884088	< 5	1050	232	7	79	31	< 2	< 0.5	< 0.2	87	< 0.5	437	321	0.9	2.6	61.5	1	9.3	10	4.2	4.1
884089	< 5	656	32	< 2	23	72	< 2	< 0.5	< 0.2	91	< 0.5	83.5	84	9.4	2.8	129	< 1	4.7	19	5.0	9.0
884090	< 5	319	24	< 2	64	20	11	< 0.5	< 0.2	43	< 0.5	19.5	60	0.5	1.9	14.0	2	2.0	7	2.2	2.5
884091	< 5	709	32	< 2	11	52	< 2	< 0.5	< 0.2	54	< 0.5	59.5	60	5.2	1.1	48.3	1	5.0	16	1.7	5.2
884092	< 5	640	60	< 2	21	65	< 2	< 0.5	< 0.2	70	< 0.5	57.5	142	1.6	2.2	72.6	5	3.8	22	2.7	7.6
884093	< 5	775	377	9	100	18	< 2	< 0.5	< 0.2	58	< 0.5	424	447	< 0.4	2.6	18.1	2	7.2	14	6.0	2.7
884094	< 5	659	56	< 2	11	55	6	< 0.5	< 0.2	48	< 0.5	61.2	114	1.0	1.3	80.1	2	4.0	14	1.9	3.6
884095	< 5	271	108	3	25	38	< 2	< 0.5	< 0.2	42	< 0.5	28.9	199	1.5	2.1	51.4	< 1	2.2	13	3.3	5.0
884096	< 5	206	518	11	128	8	< 2	< 0.5	< 0.2	21	< 0.5	127	535	0.8	3.0	3.3	3	1.6	16	7.0	2.1
884097	< 5	406	449	8	108	22	< 2	< 0.5	< 0.2	22	< 0.5	127	485	0.9	3.0	31.7	< 1	3.4	18	6.5	3.4
884098	< 5	831	50	< 2	16	46	< 2	< 0.5	< 0.2	71	< 0.5	68.1	57	5.8	1.7	59.9	1	5.8	21	1.9	5.8
884099	< 5	187	504	11	123	7	< 2	< 0.5	< 0.2	6	< 0.5	116	599	< 0.4	2.9	4.2	< 1	1.6	12	7.1	2.1
884100	< 5	657	44	< 2	18	49	23	< 0.5	< 0.2	90	< 0.5	39.9	105	0.5	1.9	30.3	3	3.8	13	1.8	4.5
884101	< 5	154	540	10	132	6	< 2	< 0.5	< 0.2	6	< 0.5	83.1	513	< 0.4	3.1	1.5	< 1	1.3	13	7.2	2.2
884102	< 5	590	26	< 2	28	88	< 2	< 0.5	< 0.2	69	< 0.5	50.4	19	1.2	2.4	99.0	< 1	4.0	17	3.5	8.3
884103	< 5	621	63	< 2	29	77	< 2	< 0.5	< 0.2	125	< 0.5	51.3	108	1.4	3.0	98.4	< 1	3.7	32	3.4	9.9
884104	< 5	152	536	11	138	6	< 2	0.5	< 0.2	4	< 0.5	55.0	528	< 0.4	3.2	0.7	< 1	1.3	13	7.1	2.1
884105	< 5	123	500	10	134	6	< 2	< 0.5	< 0.2	2	< 0.5	34.1	617	< 0.4	3.0	0.5	< 1	0.9	16	7.4	2.1
884106	< 5	126	501	10	126	6	< 2	< 0.5	< 0.2	3	< 0.5	34.7	615	< 0.4	2.8	0.5	< 1	1.0	17	7.3	2.0
884107	< 5	650	56	< 2	14	37	< 2	< 0.5	< 0.2	53	< 0.5	45.2	91	0.9	1.2	56.8	< 1	4.4	15	1.8	5.4
884108	< 5	250	47	< 2	18	45	< 2	< 0.5	< 0.2	53	< 0.5	32.4	58	1.2	1.5	50.9	< 1	1.4	12	2.4	5.6
884109	< 5	239	460	9	118	9	< 2	< 0.5	< 0.2	11	< 0.5	104	562	0.5	2.7	8.3	< 1	1.9	13	6.3	2.3
884110	< 5	3	5	< 2	56	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	28	< 0.4	1.3	< 0.1	< 1	< 0.1	< 5	0.7	0.2
884111	< 5	258	577	9	106	7	< 2	< 0.5	< 0.2	20	< 0.5	220	589	2.0	2.5	5.4	< 1	2.4	18	6.2	1.9
884112	< 5	700	35	< 2	11	52	9	< 0.5	< 0.2	49	< 0.5	57.5	24	2.8	0.8	45.8	8	4.9	15	2.3	5.0
884113	< 5	1090	37	< 2	6	18	< 2	< 0.5	< 0.2	34	< 0.5	59.3	33	2.2	0.4	14.5	< 1	7.5	20	1.1	6.2
884114	< 5	679	60	< 2	12	21	< 2	< 0.5	< 0.2	39	< 0.5	45.7	138	2.8	0.8	17.8	1	4.3	23	1.3	6.5
884115	< 5	197	431	11	113	7	< 2	< 0.5	< 0.2	9	< 0.5	81.4	526	0.4	2.7	0.6	< 1	1.7	23	6.2	1.9

Activation Laboratories Ltd. Report: A11-11016

Quality Control																								
Analyte Symbol	Li	Spec Grav	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	-	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1
Analysis Method	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
DNC-1 Meas																		250	57	240				
DNC-1 Cert																		270.000	57.0	247.000				
LKSD-3 Meas																		80	30	40				
LKSD-3 Cert																		87.0	30.0	47.0				
W-2a Meas																		90	43	60	100	80	18	2
W-2a Cert																		92.0	43.0	70.0	110	80.0	17.0	1.00
CTA-AC-1 Meas																			< 1			270		
CTA-AC-1 Cert																			2.72			38.0		
BIR-1a Meas																		360	54	160				16
BIR-1a Cert																		370	52	170				16
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.14																					1060	96	
ZW-C Cert	1.13																					1050	99	
NCS DC70014 Meas																			25	70	2580	7370	26	
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2	
NCS DC70009 (GBW07241) Meas																		30	3	< 20	1000		17	11
NCS DC70009 (GBW07241) Cert																		30	3.7	2.8	960.000		16.5	11.2
OREAS 100a (Fusion) Meas																			17		170			
OREAS 100a (Fusion) Cert																			18.1		169			
OREAS 101a (Fusion) Meas																			47		440			
OREAS 101a (Fusion) Cert																			48.8		434			
JR-1 Meas																		< 20	< 1	< 20			17	3
JR-1 Cert																		2.83	0.83	1.67			16.1	1.88
NCS DC86303 Meas	0.22																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.05																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.65																							
NCS DC86314 Cert	1.81																							
884080 Orig	< 0.01																							
884080 Dup	< 0.01																							
884090 Orig	0.37																							
884090 Dup	0.36																							
884100 Orig	0.74																							
884100 Dup	0.73																							
884102 Orig			75.82	15.91	0.93	0.102	0.02	0.22	3.95	1.97	0.004	0.12	0.49	99.52	< 1	222	< 5	< 20	< 1	< 20	< 10	80	39	4
884102 Dup			75.15	15.91	0.89	0.102	0.02	0.22	3.89	1.91	0.003	0.13	0.49	98.70	< 1	225	< 5	< 20	< 1	< 20	< 10	80	40	4
884110 Orig	< 0.01																							
884110 Dup	< 0.01																							
884113 Orig			75.34	15.11	1.05	0.099	0.04	0.24	2.61	4.94	0.002	0.15	0.38	99.96	< 1	211	< 5	< 20	< 1	< 20	10	230	30	4
884113 Dup			75.33	15.44	1.06	0.100	0.03	0.24	2.62	4.95	0.002	0.16	0.38	100.3	< 1	216	< 5	< 20	< 1	< 20	10	230	30	3
Method Blank Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1
Method Blank Method Blank	< 0.01																							
Method Blank Method Blank	< 0.01																							
Method Blank Method Blank		1.00																						

Activation Laboratories Ltd. Report: A11-11016

Quality Control																						
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
DNC-1 Meas											0.7											
DNC-1 Cert											0.96											
LKSD-3 Meas	29	73					< 2	2.2		4	0.8	2.4				0.7	2			11.6	4.7	
LKSD-3 Cert	27.0	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
W-2a Meas	< 5	20				7	< 2	< 0.5			0.7	0.9		< 0.4	2.5	0.5	< 1		7	2.4	0.5	
W-2a Cert	1.20	21.0				7.90	0.600	0.0460			0.790	0.990		0.0300	2.60	0.500	0.300		9.30	2.40	0.530	
CTA-AC-1 Meas																2.6				23.2	4.1	
CTA-AC-1 Cert																2.65				21.8	4.4	
BIR-1a Meas	< 5					< 1					0.6				0.5				6			
BIR-1a Cert	0.44					0.6					0.58				0.60				3			
NCS DC86312 Meas																					24.8	
NCS DC86312 Cert																					23.6	
ZW-C Meas																84.0						
ZW-C Cert																82						
NCS DC70014 Meas							270	16.6			179			80.3						27200		
NCS DC70014 Cert							270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	66	506						1.5	1.3	1700				43.1						2200	29.8	
NCS DC70009 (GBW07241) Cert	69.9	500.00						1.8	1.3	1701.000				41						2200.00	28.3	
OREAS 100a (Fusion) Meas							22														51.5 139	
OREAS 100a (Fusion) Cert							24.1														51.6 135	
OREAS 101a (Fusion) Meas							21														35.2 421	
OREAS 101a (Fusion) Cert							21.9														36.6 422	
JR-1 Meas	17	250				14	3	0.5	< 0.2		1.1	21.0		0.5	4.4	1.8	2	1.5	26	27.5	9.3	
JR-1 Cert	16.3	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884080 Orig																						
884080 Dup																						
884090 Orig																						
884090 Dup																						
884100 Orig																						
884100 Dup																						
884102 Orig	< 5	591	27	< 2	36	89	< 2	< 0.5	< 0.2	70	< 0.5	50.5	20	1.1	2.5	99.7	< 1	4.1	17	3.6	8.7	
884102 Dup	< 5	588	26	< 2	20	87	< 2	< 0.5	< 0.2	68	< 0.5	50.3	19	1.3	2.3	98.3	< 1	3.8	16	3.5	7.9	
884110 Orig																						
884110 Dup																						
884113 Orig	< 5	1080	37	< 2	6	18	< 2	< 0.5	< 0.2	35	< 0.5	58.8	33	1.6	0.4	13.6	< 1	7.6	20	1.1	6.0	
884113 Dup	< 5	1100	37	< 2	5	18	< 2	< 0.5	< 0.2	34	< 0.5	59.9	33	2.7	0.3	15.4	< 1	7.4	20	1.1	6.3	
Method Blank Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 0.1	< 5	< 0.1	< 0.1
Method Blank Method Blank																						
Method Blank Method Blank																						
Method Blank Method Blank																						



Date Submitted: 05-Oct-11
Invoice No.: A11-11504
Invoice Date: 11-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 16 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-11504**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-11504

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884154	0.04	64.45	14.90	6.07	0.091	2.93	2.42	3.49	2.63	0.567	0.23	1.85	99.62	15	23	112	200	21	70	60	50	20	2	< 5
884155	0.23	75.96	14.50	0.67	0.058	0.08	0.32	4.59	2.40	0.003	0.14	0.82	99.55	< 1	137	< 5	< 20	< 1	< 20	< 10	< 30	33	4	< 5
884156	< 0.01	75.10	13.98	0.70	0.023	0.15	0.85	5.61	2.40	0.042	0.38	0.95	100.2	1	107	10	< 20	3	< 20	< 10	< 30	29	3	< 5
884157	0.07	58.11	16.25	8.14	0.116	4.48	1.84	3.69	3.45	0.793	0.30	2.39	99.56	23	16	173	190	29	100	10	70	21	2	< 5
884158	0.06	64.18	15.16	6.53	0.113	3.50	3.33	2.89	2.54	0.595	0.18	1.79	100.8	16	6	121	210	22	80	40	70	18	2	< 5
884159	0.52	75.23	15.88	0.73	0.054	0.07	0.37	4.59	1.33	0.003	0.17	0.80	99.23	< 1	179	< 5	< 20	< 1	< 20	< 10	< 30	39	4	< 5
884160	0.71	73.22	15.77	3.26	0.094	0.07	0.26	3.30	2.54	0.003	0.15	-0.01	98.65	< 1	150	< 5	30	1	20	50	90	37	4	< 5
884161	0.71	74.43	15.62	0.76	0.079	0.09	0.28	3.23	3.01	0.002	0.21	0.30	98.01	< 1	203	< 5	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884162	0.89	74.80	15.96	0.82	0.067	0.07	0.28	3.14	2.13	0.002	0.17	0.68	98.11	< 1	184	< 5	< 20	< 1	< 20	< 10	< 30	40	4	< 5
884163	0.66	76.58	16.43	0.71	0.077	0.08	0.27	3.76	2.19	0.002	0.17	0.73	101.0	< 1	150	< 5	< 20	< 1	< 20	< 10	70	35	4	< 5
884164	0.51	73.61	15.59	0.74	0.066	0.15	0.28	3.75	2.86	0.002	0.13	0.84	98.01	< 1	135	< 5	< 20	< 1	< 20	10	< 30	34	4	< 5
884165	0.79	75.07	16.69	0.72	0.080	0.08	0.24	4.09	1.94	0.002	0.13	0.67	99.71	< 1	191	< 5	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884166	0.68	74.14	16.54	0.61	0.082	0.07	0.24	4.26	2.36	0.002	0.11	0.56	98.98	< 1	187	< 5	< 20	< 1	< 20	< 10	< 30	35	4	< 5
884167	0.29	83.62	10.61	0.62	0.075	0.03	0.20	2.65	2.24	0.001	0.10	0.51	100.7	< 1	129	< 5	< 20	< 1	< 20	< 10	< 30	23	3	< 5
884168	0.51	74.73	15.59	0.79	0.097	0.07	0.22	3.43	3.34	0.002	0.17	0.83	99.25	< 1	234	< 5	< 20	< 1	< 20	40	60	38	4	< 5
884169	0.24	72.21	16.09	0.62	0.072	0.12	0.49	4.72	3.15	0.004	0.22	0.86	98.55	< 1	187	< 5	< 20	< 1	< 20	20	< 30	32	4	< 5
884170	< 0.01	99.66	0.37	0.71	0.007	0.02	0.02	0.05	0.06	0.029	< 0.01	-0.07	100.9	< 1	< 1	7	< 20	< 1	< 20	< 10	< 30	< 1	1	< 5
884171	0.07	67.81	15.11	4.04	0.094	2.06	1.75	3.97	2.60	0.355	0.24	1.56	99.61	10	84	74	120	13	50	10	50	25	3	< 5

Activation Laboratories Ltd. Report: A11-11504

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884154	229	343	12	116	7	< 2	< 0.5	< 0.2	17	< 0.5	96.3	597	0.7	2.6	2.0	13	1.8	11	6.5	2.2		
884155	494	40	< 2	13	33	4	< 0.5	< 0.2	64	< 0.5	36.9	100	1.0	1.5	39.2	2	3.4	12	1.6	2.9	2.67	
884156	390	47	2	10	19	< 2	< 0.5	< 0.2	71	< 0.5	27.4	162	1.0	0.5	14.9	3	2.6	8	1.1	1.0		
884157	511	295	13	121	10	< 2	< 0.5	< 0.2	33	< 0.5	210	904	0.6	2.9	4.5	1	4.5	7	6.4	1.9		
884158	250	346	12	135	6	< 2	< 0.5	< 0.2	16	< 0.5	131	602	1.0	3.0	2.1	< 1	2.3	11	6.9	2.1		
884159	369	21	< 2	9	42	< 2	< 0.5	< 0.2	73	< 0.5	32.7	43	2.7	1.1	28.2	2	2.4	9	2.1	4.4		
884160	598	45	< 2	16	44	20	< 0.5	< 0.2	90	< 0.5	42.7	104	0.9	1.7	29.2	1	4.4	16	1.7	4.2		
884161	694	32	< 2	11	34	< 2	< 0.5	< 0.2	76	< 0.5	49.0	133	3.4	1.2	33.9	< 1	5.4	15	2.3	4.8		
884162	526	27	< 2	14	48	< 2	< 0.5	< 0.2	82	< 0.5	40.5	41	4.0	1.4	36.7	1	4.1	14	2.8	5.9		
884163	525	29	< 2	9	53	< 2	< 0.5	< 0.2	75	< 0.5	41.7	70	2.7	1.2	39.9	< 1	3.8	13	2.2	6.9		
884164	580	27	< 2	4	24	< 2	< 0.5	< 0.2	63	< 0.5	41.8	93	5.0	0.6	20.1	< 1	4.4	12	1.2	3.0		
884165	450	23	< 2	15	44	< 2	< 0.5	< 0.2	74	< 0.5	35.3	65	2.8	1.4	36.0	< 1	3.5	13	1.9	6.6	2.71	
884166	547	28	< 2	14	47	< 2	< 0.5	< 0.2	72	< 0.5	39.8	81	1.6	1.7	36.6	< 1	4.2	14	1.9	7.0		
884167	491	23	< 2	8	25	22	< 0.5	< 0.2	48	< 0.5	30.1	75	4.4	0.9	21.8	< 1	3.8	12	1.3	3.6		
884168	742	27	< 2	11	57	3	< 0.5	< 0.2	90	< 0.5	56.0	82	20.2	1.3	51.9	2	6.1	17	2.0	5.7		
884169	745	37	< 2	16	41	< 2	< 0.5	< 0.2	64	< 0.5	57.8	108	2.3	1.9	49.4	< 1	6.1	17	2.4	8.3		
884170	4	4	< 2	57	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	26	< 0.4	1.4	0.2	< 1	0.2	< 5	0.5	0.3		
884171	530	201	8	83	38	3	< 0.5	< 0.2	48	< 0.5	187	471	1.9	3.0	37.1	3	4.8	11	4.9	4.6		

Activation Laboratories Ltd. Report: A11-11504

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		10.85	1.91	0.74	0.013	0.35	44.56	0.91	0.57	0.134	30.32														
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2														
DNC-1 Meas		47.47	18.45	9.76	0.144	9.82	10.84	1.93	0.24	0.471	0.05			31	153	270		58	250						
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000						
GBW 07113 Meas		71.94	12.88	3.25	0.143	0.14	0.56	2.45	5.37	0.280	0.02			5	4	< 5									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	80	30	50	30	160			24	
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0	
TDB-1 Meas																	230		80	320	150				
TDB-1 Cert																	251		92	323	155				
W-2a Meas		53.26	15.23	10.76	0.167	6.22	10.72	2.22	0.64	1.072	0.13			36	< 1	277	90	44	70			17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0			17.0	1.00	1.20	
SY-4 Meas		49.27	19.73	6.22	0.109	0.50	8.16	6.82	1.63	0.293	0.12			1	3	8									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																			< 1	60	30				
CTA-AC-1 Cert																			2.72	54.0	38.0				
BIR-1a Meas		48.32	15.78	11.14	0.171	9.55	13.03	1.86	0.02	0.970	0.02			44	< 1	341	370	53	160	130	70	15		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
ZW-C Meas	1.09																				1040	96			
ZW-C Cert	1.13																				1050	99			
NCS DC70014 Meas																		26	70	2600	7400	26			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	960	90	16	11	71	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		17		170					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		47		410					
OREAS 101a (Fusion) Cert																		48.8		434					
OREAS 101b (Fusion) Meas																		44	< 20	400					
OREAS 101b (Fusion) Cert																		47	9	416					
JR-1 Meas																	< 20	< 1	< 20			16	3	17	
JR-1 Cert																	2.83	0.83	1.67			16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.19																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.04																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.76																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.76																								
NCS DC86314 Cert	1.81																								
884161 Orig	0.72																								
884161 Dup	0.70																								
884168 Orig		75.32	15.74	0.78	0.096	0.07	0.20	3.63	3.63	0.002	0.17	0.83	100.5	< 1	227	< 5	< 20	< 1	< 20	20	40	37	4	< 5	
884168 Dup		74.13	15.44	0.80	0.098	0.06	0.23	3.23	3.04	0.003	0.17	0.83	98.03	< 1	241	6	< 20	< 1	< 20	60	70	38	4	< 5	
884171 Orig	0.07	67.81	15.11	4.04	0.094	2.06	1.75	3.97	2.60	0.355	0.24	1.56	99.61	10	84	74	120	13	50	10	50	25	3	< 5	
884171 Split	0.07	67.79	15.19	4.06	0.093	2.06	1.76	3.96	2.60	0.353	0.24	1.57	99.67	10	83	76	130	13	50	10	50	25	3	< 5	
884171 Orig	0.06																								

Activation Laboratories Ltd. Report: A11-11504

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.001	0.01	0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	

884171 Dup	0.07																								
Method Blank Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank Method Blank	< 0.01																								
Method Blank Method Blank	< 0.01																								
Method Blank Method Blank	< 0.01																								
Method Blank Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-11504

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		142	13	37						1.0		104									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	42	376								500									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	72					< 2	2.1		3	1.1	2.4			4.4	0.7	2			10.7	4.4	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60	
TDB-1 Meas	21																			2.9	
TDB-1 Cert	23																			2.7	
W-2a Meas	20	197	17	90	8	< 2	< 0.5			1.1	0.9	174	< 0.4	2.4	0.5	< 1		8	2.6	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530	
SY-4 Meas		1194	108	548								342									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas															2.8				23.4	4.1	
CTA-AC-1 Cert															2.65				21.8	4.4	
BIR-1a Meas		110	13	16	< 1					0.8		8		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
ZW-C Meas	8420														84.8						
ZW-C Cert	8500														82						
NCS DC70014 Meas						270	16.8			180			80.3					27200			
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00			
NCS DC70009 (GBW07241) Meas	504						2.1	1.3	1700				43.5				2200			30.6	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000				41				2200.00			28.3	
OREAS 100a (Fusion) Meas						22													52.2	139	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas						20													35.6	420	
OREAS 101a (Fusion) Cert						21.9													36.6	422	
OREAS 101b (Fusion) Meas						19													37.2	394	
OREAS 101b (Fusion) Cert						20.9													37.1	396	
JR-1 Meas	248				14	3	< 0.5	< 0.2		1.3	20.8		0.7	4.3	1.9	2	1.6	26	27.0	9.2	
JR-1 Cert	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884161 Orig																					
884161 Dup																					
884168 Orig	738	28	< 2	12	57	3	< 0.5	< 0.2	89	< 0.5	56.3	84	17.9	1.4	52.8	2	6.2	16	1.9	5.7	
884168 Dup	747	27	< 2	11	57	3	< 0.5	< 0.2	90	< 0.5	55.8	81	22.5	1.2	51.0	2	5.9	18	2.1	5.7	
884171 Orig	530	201	8	83	38	3	< 0.5	< 0.2	48	< 0.5	187	471	1.9	3.0	37.1	3	4.8	11	4.9	4.6	
884171 Split	535	202	7	83	37	< 2	< 0.5	< 0.2	48	< 0.5	186	470	2.1	3.1	34.7	1	4.8	11	4.9	4.7	
884171 Orig																					

Activation Laboratories Ltd. Report: A11-11504

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

884171 Dup
 Method Blank Method Blank < 2 < 1 < 2 < 0.5 < 0.2 < 1 < 0.5 < 0.5 < 0.4 < 0.2 < 0.1 < 1 < 0.1 < 5 < 0.1 < 0.1
 Method Blank Method Blank
 Method Blank Method Blank
 Method Blank Method Blank
 Method Blank Method Blank
 Method Blank Method Blank 0.06

Quality Analysis ...



Innovative Technologies

Date Submitted: 05-Oct-11
Invoice No.: A11-11505
Invoice Date: 11-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

4 Pulp samples and 34 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-11505**

Code 1C-Exp Fire Assay-ICP/MS
Code 8-4 Acid-Tbay Total Digestion Code 8-4 Acid Total Digestion Assays
Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.
We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-11505

Analyte Symbol	Pd	Pt	Au	Ag	Cu	Ni	Co	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	0.001	0.003	0.003	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20
Analysis Method	FA-MS	FA-MS	FA-MS	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS
884116								0.05	63.90	15.59	6.46	0.096	3.19	2.20	3.28	2.76	0.586	0.21	1.88	100.2	16	13	120	250
884117								0.04	72.39	16.21	0.71	0.074	0.18	0.42	5.93	2.69	0.045	0.16	0.95	99.77	1	221	12	< 20
884118								0.41	72.79	15.93	1.10	0.085	0.31	0.55	4.07	3.02	0.075	0.28	0.85	99.07	2	196	20	30
884119								0.25	73.94	15.23	0.89	0.085	0.15	0.37	3.84	3.24	0.004	0.14	0.89	98.79	< 1	113	< 5	< 20
884120								0.35	86.71	8.11	1.68	0.049	0.05	0.17	1.69	1.30	0.036	0.07	0.06	99.91	< 1	80	5	20
884121								0.61	75.27	15.86	0.75	0.047	0.09	0.36	3.88	2.50	0.002	0.11	0.74	99.61	< 1	173	< 5	< 20
884122								0.07	76.21	14.33	0.75	0.063	0.13	0.41	5.19	2.24	0.003	0.12	0.92	100.4	< 1	84	< 5	< 20
884123								0.03	72.03	15.48	0.87	0.048	0.31	0.69	4.87	2.37	0.036	0.25	1.26	98.21	1	165	13	< 20
884124								0.10	62.02	15.90	6.17	0.140	3.02	2.93	2.71	3.29	0.547	1.18	2.34	100.2	15	74	110	190
884125								0.05	72.31	15.53	1.94	0.069	0.86	1.06	4.31	2.52	0.155	0.62	1.38	100.7	5	158	35	60
884126								0.04	72.13	15.59	1.72	0.062	0.74	1.00	4.96	2.24	0.132	0.58	1.26	100.4	4	145	32	50
884127								0.10	63.43	15.57	6.22	0.108	3.05	2.44	2.94	3.19	0.589	0.44	1.45	99.43	16	39	115	240
884128								0.07	57.81	16.76	8.12	0.132	4.52	2.07	3.54	3.03	0.701	0.19	2.32	99.20	22	11	166	190
884129								0.34	73.12	15.55	0.94	0.070	0.24	0.39	4.16	2.44	0.033	0.17	0.91	98.02	1	129	8	< 20
884130								0.69	73.68	15.31	3.31	0.094	0.06	0.26	3.35	2.42	0.004	0.16	-0.04	98.63	< 1	152	< 5	30
884131								0.49	74.34	15.91	0.91	0.053	0.20	0.53	3.88	3.36	0.002	0.08	0.75	100.0	< 1	122	< 5	< 20
884132								0.02	46.99	10.84	15.47	0.193	11.23	8.41	2.31	0.99	2.243	0.23	1.27	100.2	25	2	343	480
884133								0.05	64.78	14.95	6.20	0.097	3.41	1.83	2.87	3.82	0.585	0.16	1.16	99.86	16	6	111	240
884134								< 0.01	72.28	16.54	0.77	0.024	0.09	0.42	5.74	2.54	0.007	0.10	1.10	99.61	< 1	105	< 5	< 20
884135								< 0.01	74.62	15.03	0.93	0.025	0.10	0.48	5.45	2.23	0.004	0.13	0.86	99.86	< 1	195	< 5	< 20
884136	2	1	< 2	< 3	0.006	0.011	0.004	0.04	65.52	13.14	7.55	0.096	2.90	2.16	2.90	2.34	0.466	0.25	2.89	100.2	13	70	96	200
884137	20	11	5	< 3	0.019	0.011	0.006																	
884138	20	11	5	< 3	0.023	0.012	0.006																	
884139	21	11	5	< 3	0.019	0.010	0.006																	
884140	2	< 1	< 2	< 3	< 0.001	< 0.003	< 0.003																	
884141	20	11	5	< 3	0.018	0.010	0.006																	
884142	37	12	5	< 3	0.019	0.012	0.007																	
884143	18	10	4	< 3	0.015	0.012	0.007																	
884144	18	9	4	< 3	0.014	0.009	0.006																	
884145	19	11	4	< 3	0.017	0.010	0.007																	
884146	15	7	3	< 3	0.019	0.009	0.006																	
884147	18	10	3	< 3	0.015	0.011	0.006																	
884148	17	10	4	< 3	0.016	0.011	0.006																	
884149	18	10	4	< 3	0.016	0.011	0.006																	
884150	< 1	< 1	< 2	< 3	0.002	< 0.003	< 0.003																	
884151	18	11	4	< 3	0.016	0.011	0.006																	
884152	17	10	3	< 3	0.015	0.009	0.005																	
884153	21	12	5	< 3	0.020	0.008	0.006																	

Activation Laboratories Ltd. Report: A11-11505

Analyte Symbol	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884116	23	80	70	90	19	2	< 5	308	315	12	171	7	< 2	< 0.5	< 0.2	21	< 0.5	164	641	0.4	3.8	7.8	< 1	2.7
884117	1	< 20	< 10	< 30	33	4	< 5	624	36	3	28	50	< 2	< 0.5	< 0.2	91	< 0.5	42.9	173	1.6	2.9	84.1	1	4.3
884118	2	< 20	10	< 30	33	4	< 5	612	51	2	27	51	< 2	< 0.5	< 0.2	98	< 0.5	51.5	185	4.2	2.0	72.0	1	4.8
884119	< 1	< 20	10	< 30	36	4	< 5	658	44	< 2	6	42	< 2	< 0.5	< 0.2	63	< 0.5	46.1	111	16.0	0.7	32.8	1	4.6
884120	< 1	< 20	20	50	19	2	< 5	302	24	3	68	21	10	< 0.5	< 0.2	45	< 0.5	21.0	60	0.4	2.1	15.6	2	2.2
884121	< 1	< 20	< 10	< 30	36	4	< 5	483	43	5	28	35	< 2	< 0.5	< 0.2	41	< 0.5	39.1	78	1.2	1.2	21.2	2	3.1
884122	< 1	< 20	< 10	< 30	32	3	< 5	438	43	< 2	12	40	< 2	< 0.5	< 0.2	54	< 0.5	29.3	122	5.2	1.5	63.3	1	3.1
884123	2	< 20	< 10	< 30	32	4	< 5	606	108	2	24	43	< 2	< 0.5	< 0.2	117	< 0.5	75.0	216	1.9	2.9	83.7	3	3.5
884124	20	80	30	70	34	3	< 5	978	231	12	126	26	< 2	< 0.5	< 0.2	163	< 0.5	294	492	1.0	3.2	38.2	3	8.6
884125	6	20	< 10	50	37	4	< 5	857	93	4	52	61	< 2	< 0.5	< 0.2	141	< 0.5	175	245	1.8	3.3	104	3	6.4
884126	5	20	< 10	50	34	4	< 5	726	95	4	38	51	< 2	< 0.5	< 0.2	119	< 0.5	151	233	5.6	2.8	99.8	3	6.1
884127	23	80	50	90	23	3	< 5	886	286	11	148	13	2	< 0.5	< 0.2	72	< 0.5	404	619	1.4	3.5	13.5	2	8.5
884128	27	110	50	60	22	2	< 5	425	284	14	119	7	< 2	< 0.5	< 0.2	40	< 0.5	208	780	0.5	2.9	0.9	< 1	4.1
884129	< 1	< 20	< 10	< 30	36	4	< 5	479	42	< 2	14	53	< 2	< 0.5	< 0.2	83	< 0.5	45.5	172	3.7	1.7	70.3	1	3.3
884130	1	20	40	90	37	4	< 5	590	44	< 2	18	43	20	< 0.5	< 0.2	88	< 0.5	42.0	105	1.3	1.8	31.7	1	4.4
884131	< 1	< 20	10	< 30	35	4	< 5	570	105	< 2	9	28	< 2	< 0.5	< 0.2	46	< 0.5	37.9	187	1.1	1.0	25.0	< 1	4.1
884132	70	460	100	100	19	2	< 5	44	310	17	141	10	< 2	< 0.5	< 0.2	4	< 0.5	10.8	188	3.0	3.3	0.7	< 1	0.5
884133	18	80	< 10	60	17	2	< 5	452	242	8	146	6	< 2	< 0.5	< 0.2	11	< 0.5	387	752	1.1	3.4	1.2	7	3.8
884134	< 1	< 20	10	< 30	36	3	< 5	506	30	< 2	11	57	< 2	< 0.5	< 0.2	75	< 0.5	38.8	82	0.7	1.2	72.9	2	3.5
884135	4	< 20	< 10	< 30	32	3	< 5	422	39	2	19	67	< 2	< 0.5	< 0.2	57	< 0.5	29.4	111	< 0.4	2.4	99.3	2	2.9
884136	35	90	50	< 30	19	2	10	164	235	14	124	14	< 2	< 0.5	< 0.2	19	< 0.5	34.0	2509	0.6	3.3	19.5	3	1.0
884137																								
884138																								
884139																								
884140																								
884141																								
884142																								
884143																								
884144																								
884145																								
884146																								
884147																								
884148																								
884149																								
884150																								
884151																								
884152																								
884153																								

Analyte Symbol	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	-
Detection Limit	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-MS	FUS-MS	GRAV
884116	21	7.6	3.0	
884117	10	2.2	6.6	
884118	13	3.3	6.4	
884119	17	2.1	8.4	
884120	8	2.0	2.2	
884121	11	3.1	4.2	
884122	10	1.8	6.8	2.63
884123	9	2.9	5.1	
884124	9	6.3	3.7	
884125	8	4.5	4.9	2.82
884126	8	4.2	4.8	
884127	14	7.2	3.2	
884128	10	7.2	2.0	
884129	11	2.5	6.2	2.72
884130	18	1.9	4.8	
884131	17	1.8	4.8	
884132	< 5	1.5	0.6	
884133	11	7.7	2.5	
884134	11	2.4	6.1	2.70
884135	12	2.5	6.5	
884136	9	5.9	4.0	
884137				
884138				
884139				
884140				
884141				
884142				
884143				
884144				
884145				
884146				
884147				
884148				
884149				
884150				
884151				
884152				
884153				

Activation Laboratories Ltd. Report: A11-11505

Quality Control																									
Analyte Symbol	Pd	Pt	Au	Ag	Cu	Ni	Co	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	
Detection Limit	1	1	2	3	0.001	0.003	0.003	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	
Analysis Method	FA-MS	FA-MS	FA-MS	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	
NIST 694 Meas									10.85	1.91	0.74	0.013	0.35	44.56	0.91	0.57	0.134	30.32						1676	
NIST 694 Cert									11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2						1740	
DNC-1 Meas									47.47	18.45	9.76	0.144	9.82	10.84	1.93	0.24	0.471	0.05			31		153	270	
DNC-1 Cert									47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	
GBW 07113 Meas									71.94	12.88	3.25	0.143	0.14	0.56	2.45	5.37	0.280	0.02			5	4	< 5		
GBW 07113 Cert									72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00		
KC-1A Meas				1670	0.644																				
KC-1A Cert				1670	0.629																				
CZN-3 Meas				44	0.673																				
CZN-3 Cert				45	0.685																				
PTM-1a Meas				135	24.6	47.5	2.07																		
PTM-1a Cert				135	24.96	47.44	2.05																		
LKSD-3 Meas																								80	
LKSD-3 Cert																								87.0	
TDB-1 Meas																								230	
TDB-1 Cert																								251	
PTC-1a Meas				58	13.5	10.1	0.291																		
PTC-1a Cert				56.0	13.51	10.03	0.30																		
W-2a Meas									53.26	15.23	10.76	0.167	6.22	10.72	2.22	0.64	1.072	0.13			36	< 1	277	90	
W-2a Cert									52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	
CDN-PGMS-9 Meas	2660	704	1040																						
CDN-PGMS-9 Cert	2600	710	1040																						
OREAS 14P Meas					0.947	2.07	0.070																		
OREAS 14P Cert					0.997	2.10	0.0750																		
SY-4 Meas									49.27	19.73	6.22	0.109	0.50	8.16	6.82	1.63	0.293	0.12			1	3	8		
SY-4 Cert									49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0		
CTA-AC-1 Meas																									
CTA-AC-1 Cert																									
BIR-1a Meas									48.32	15.78	11.14	0.171	9.55	13.03	1.86	0.02	0.970	0.02			44	< 1	341	370	
BIR-1a Cert									47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	
ZW-C Meas												1.09													
ZW-C Cert												1.13													
NCS DC70014 Meas																									
NCS DC70014 Cert																									
NCS DC70009 (GBW07241) Meas																								30	
NCS DC70009 (GBW07241) Cert																								30	
OREAS 100a (Fusion) Meas																									
OREAS 100a (Fusion) Cert																									
OREAS 101a (Fusion) Meas																									
OREAS 101a (Fusion) Cert																									
OREAS 101b (Fusion) Meas																									
OREAS 101b (Fusion) Cert																									
JR-1 Meas																								< 20	
JR-1 Cert																								2.83	
SARM 3 Meas																									
SARM 3 Cert																									
OREAS 13b (4-Acid) Meas				< 3	0.231	0.227	0.008																		
OREAS 13b (4-Acid) Cert				0.86	0.230	0	0																		
NCS DC86303 Meas												0.19													

Activation Laboratories Ltd. Report: A11-11505

Quality Control																								
Analyte Symbol	Pd	Pt	Au	Ag	Cu	Ni	Co	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	0.001	0.003	0.003	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20
Analysis Method	FA-MS	FA-MS	FA-MS	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS
NCS DC86303 Cert								0.21																
NCS DC86303 Meas								0.21																
NCS DC86303 Cert								0.21																
NCS DC86304 Meas								1.04																
NCS DC86304 Cert								1.06																
NCS DC86314 Meas								1.76																
NCS DC86314 Cert								1.81																
NCS DC86314 Meas								1.76																
NCS DC86314 Cert								1.81																
CDN-PGMS-19 Meas	480	125	253																					
CDN-PGMS-19 Cert	476.000	108.000	230.000																					
CCu-1d Meas				124	23.9																			
CCu-1d Cert				120.7	23.93																			
884124 Orig								0.10																
884124 Dup								0.10																
884128 Orig									57.35	16.83	8.08	0.131	4.50	2.06	3.51	3.00	0.700	0.19	2.32	98.67	22	11	165	190
884128 Dup									58.28	16.68	8.17	0.132	4.54	2.08	3.57	3.06	0.703	0.19	2.32	99.74	22	11	167	180
884134 Orig								< 0.01																
884134 Dup								< 0.01																
884143 Orig	18	10	4																					
884143 Dup	18	10	4																					
884145 Orig	19	11	4	< 3	0.017	0.010	0.007																	
884145 Split	19	11	5	< 3	0.017	0.011	0.006	< 0.01	50.39	13.95	14.37	0.217	6.96	9.52	2.66	0.71	1.292	0.12	0.55	100.7	40	1	326	130
884145 Split									50.39	13.95	14.37	0.217	6.96	9.52	2.66	0.71	1.292	0.12	0.55	100.7	40	1	326	130
884148 Orig				< 3	0.016	0.011	0.006																	
884148 Dup				< 3	0.016	0.011	0.006																	
884153 Orig	21	12	5																					
884153 Dup	22	12	5																					
Method Blank Method Blank				< 3	< 0.001	< 0.003	< 0.003																	
Method Blank Method Blank																								< 20
Method Blank Method Blank								< 0.01																
Method Blank Method Blank								< 0.01																
Method Blank Method Blank								< 0.01																
Method Blank Method Blank	< 1	< 1	< 2																					
Method Blank Method Blank																								

Activation Laboratories Ltd. Report: A11-11505

Quality Control																									
Analyte Symbol	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas																									
NIST 694 Cert																									
DNC-1 Meas	58	250							142	13	37						1.0		104						
DNC-1 Cert	57.0	247.000							144.0	18.0	38					0.96		118							
GBW 07113 Meas									41	42	376								500						
GBW 07113 Cert									43.0	43.0	403								506						
KC-1A Meas																									
KC-1A Cert																									
CZN-3 Meas																									
CZN-3 Cert																									
PTM-1a Meas																									
PTM-1a Cert																									
LKSD-3 Meas	30	50	30	160			24	72					< 2	2.1		3	1.1	2.4			4.4	0.7	2		
LKSD-3 Cert	30.0	47.0	35.0	152			27.0	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00		
TDB-1 Meas			80	320	150				21																
TDB-1 Cert			92	323	155				23																
PTC-1a Meas																									
PTC-1a Cert																									
W-2a Meas	44	70			17	2	< 5	20	197	17	90	8	< 2	< 0.5			1.1	0.9	174	< 0.4	2.4	0.5	< 1		
W-2a Cert	43.0	70.0			17.0	1.00	1.20	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		
CDN-PGMS-9 Meas																									
CDN-PGMS-9 Cert																									
OREAS 14P Meas																									
OREAS 14P Cert																									
SY-4 Meas									1194	108	548								342						
SY-4 Cert									1191	119	517							340							
CTA-AC-1 Meas	< 1		60	30																			2.8		
CTA-AC-1 Cert	2.72		54.0	38.0																			2.65		
BIR-1a Meas	53	160	130	70	15		< 5		110	13	16	< 1					0.8		8		0.5				
BIR-1a Cert	52	170	125	70	16		0.44		110	16	18	0.6					0.58		6		0.60				
ZW-C Meas				1040	96			8420															84.8		
ZW-C Cert				1050	99			8500															82		
NCS DC70014 Meas	26	70	2600	7400	26								270	16.8			180				80.3				
NCS DC70014 Cert	26.2	70.9	2600.00	7400.00	25.2								270	16.7			180.000				80.3				
NCS DC70009 (GBW07241) Meas	3	< 20	960	90	16	11	71	504						2.1	1.3	1700			43.5				2200		
NCS DC70009 (GBW07241) Cert	3.7	2.8	960.000	100.000	16.5	11.2	69.9	500.00						1.8	1.3	1701.000			41				2200.00		
OREAS 100a (Fusion) Meas	17		170										22												
OREAS 100a (Fusion) Cert	18.1		169										24.1												
OREAS 101a (Fusion) Meas	47		410										20												
OREAS 101a (Fusion) Cert	48.8		434										21.9												
OREAS 101b (Fusion) Meas	44	< 20	400										19												
OREAS 101b (Fusion) Cert	47	9	416										20.9												
JR-1 Meas	< 1	< 20			16	3	17	248				14	3	< 0.5	< 0.2		1.3	20.8		0.7	4.3	1.9	2	1.6	
JR-1 Cert	0.83	1.67			16.1	1.88	16.3	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86	1.59	1.56	
SARM 3 Meas												979													
SARM 3 Cert												978													
OREAS 13b (4-Acid) Meas																									
OREAS 13b (4-Acid) Cert																									
NCS DC86303 Meas																									
NCS DC86303 Cert																									

Activation Laboratories Ltd. Report: A11-11505

Quality Control																								
Analyte Symbol	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NCS DC86303 Meas																								
NCS DC86303 Cert																								
NCS DC86304 Meas																								
NCS DC86304 Cert																								
NCS DC86314 Meas																								
NCS DC86314 Cert																								
NCS DC86314 Meas																								
NCS DC86314 Cert																								
CDN-PGMS-19 Meas																								
CDN-PGMS-19 Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
884124 Orig																								
884124 Dup																								
884128 Orig	27	110	50	60	22	3	< 5	430	285	14	119	7	< 2	< 0.5	< 0.2	40	< 0.5	212	776	0.5	2.9	0.9	< 1	4.1
884128 Dup	26	110	50	60	22	2	< 5	421	284	14	120	6	< 2	< 0.5	< 0.2	39	< 0.5	203	784	0.5	2.9	0.9	< 1	4.1
884134 Orig																								
884134 Dup																								
884143 Orig																								
884143 Dup																								
884145 Orig																								
884145 Split	50	100	150	160	18	2	< 5	20	155	20	92	4	< 2	< 0.5	< 0.2	2	< 0.5	2.6	183	< 0.4	2.2	0.4	< 1	0.1
884145 Split	50	100	150	160	18	2	< 5	20	155	20	92	4	< 2	< 0.5	< 0.2	2	< 0.5	2.6	183	< 0.4	2.2	0.4	< 1	0.1
884148 Orig																								
884148 Dup																								
884153 Orig																								
884153 Dup																								
Method Blank Method Blank																								
Method Blank Method Blank	< 1	< 20	< 10	< 30	< 1	< 1	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1
Method Blank Method Blank																								
Method Blank Method Blank																								
Method Blank Method Blank																								
Method Blank Method Blank																								
Method Blank Method Blank																								
Method Blank Method Blank																								
Method Blank Method Blank																								

Quality Control				
Analyte Symbol	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	-
Detection Limit	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-MS	FUS-MS	GRAV

NIST 694 Meas				
NIST 694 Cert				
DNC-1 Meas				
DNC-1 Cert				
GBW 07113 Meas				
GBW 07113 Cert				
KC-1A Meas				
KC-1A Cert				
CZN-3 Meas				
CZN-3 Cert				
PTM-1a Meas				
PTM-1a Cert				
LKSD-3 Meas		10.7	4.4	
LKSD-3 Cert		11.4	4.60	
TDB-1 Meas		2.9		
TDB-1 Cert		2.7		
PTC-1a Meas				
PTC-1a Cert				
W-2a Meas	8	2.6	0.5	
W-2a Cert	9.30	2.40	0.530	
CDN-PGMS-9 Meas				
CDN-PGMS-9 Cert				
OREAS 14P Meas				
OREAS 14P Cert				
SY-4 Meas				
SY-4 Cert				
CTA-AC-1 Meas		23.4	4.1	
CTA-AC-1 Cert		21.8	4.4	
BIR-1a Meas	< 5			
BIR-1a Cert	3			
ZW-C Meas				
ZW-C Cert				
NCS DC70014 Meas	27200			
NCS DC70014 Cert	27200.00			
NCS DC70009 (GBW07241) Meas		30.6		
NCS DC70009 (GBW07241) Cert		28.3		
OREAS 100a (Fusion) Meas		52.2	139	
OREAS 100a (Fusion) Cert		51.6	135	
OREAS 101a (Fusion) Meas		35.6	420	
OREAS 101a (Fusion) Cert		36.6	422	
OREAS 101b (Fusion) Meas		37.2	394	
OREAS 101b (Fusion) Cert		37.1	396	
JR-1 Meas	26	27.0	9.2	
JR-1 Cert	19.3	26.7	8.88	
SARM 3 Meas				
SARM 3 Cert				
OREAS 13b (4-Acid) Meas				
OREAS 13b (4-Acid) Cert				
NCS DC86303 Meas				
NCS DC86303 Cert				

Quality Control				
Analyte Symbol	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	-
Detection Limit	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86303 Meas				
NCS DC86303 Cert				
NCS DC86304 Meas				
NCS DC86304 Cert				
NCS DC86314 Meas				
NCS DC86314 Cert				
NCS DC86314 Meas				
NCS DC86314 Cert				
CDN-PGMS-19 Meas				
CDN-PGMS-19 Cert				
CCu-1d Meas				
CCu-1d Cert				
884124 Orig				
884124 Dup				
884128 Orig	9	7.1	2.0	
884128 Dup	10	7.3	2.1	
884134 Orig				
884134 Dup				
884143 Orig				
884143 Dup				
884145 Orig				
884145 Split	6	1.6	0.6	
884145 Split	6	1.6	0.6	
884148 Orig				
884148 Dup				
884153 Orig				
884153 Dup				
Method Blank Method Blank				
Method Blank Method Blank	< 5	< 0.1	< 0.1	
Method Blank Method Blank				
Method Blank Method Blank				
Method Blank Method Blank				
Method Blank Method Blank				
Method Blank Method Blank				
Method Blank Method Blank				0.06
Method Blank Method Blank				



Date Submitted: 12-Oct-11
Invoice No.: A11-11779
Invoice Date: 14-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 12 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-11779

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-11779

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884184	0.02	50.60	13.10	13.76	0.233	6.56	7.21	3.24	0.92	1.512	0.16	2.71	100.0	41	6	324	100	55	60	110	70	18	2	< 5
884185	0.01	72.53	14.64	2.22	0.045	0.63	0.99	5.11	3.15	0.079	0.15	1.03	100.6	2	115	19	< 20	6	< 20	50	< 30	34	3	< 5
884186	< 0.01	72.76	14.24	2.56	0.044	0.84	1.23	5.32	2.65	0.133	0.15	1.04	101.0	4	120	33	< 20	9	< 20	30	< 30	31	2	< 5
884187	0.01	53.96	13.72	12.19	0.216	5.89	7.21	3.25	0.89	1.322	0.14	2.13	100.9	38	24	291	100	48	50	100	60	20	2	< 5
884188	< 0.01	69.77	16.80	0.79	0.017	0.10	0.66	5.56	4.78	0.007	0.14	0.68	99.31	< 1	155	< 5	< 20	2	< 20	< 10	< 30	35	3	< 5
884189	< 0.01	71.30	15.29	0.70	0.021	0.07	0.64	5.94	3.14	0.002	0.22	0.65	97.97	< 1	167	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5
884190	0.74	73.71	15.59	3.25	0.093	0.06	0.27	3.40	2.46	0.004	0.15	0.00	99.00	< 1	157	< 5	30	1	20	50	100	37	4	< 5
884191	0.01	73.13	15.87	0.85	0.026	0.12	0.62	5.71	3.47	0.002	0.16	0.83	100.8	< 1	116	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
884192	0.07	72.73	14.95	0.85	0.031	0.10	0.68	5.43	2.61	0.002	0.15	0.83	98.37	< 1	208	< 5	< 20	1	< 20	< 10	< 30	35	3	< 5
884193	0.08	72.41	15.67	1.35	0.033	0.53	0.69	6.00	2.60	0.065	0.23	0.95	100.5	2	129	17	30	2	< 20	< 10	< 30	33	3	< 5
884194	0.05	64.37	14.44	6.48	0.111	3.60	1.50	3.54	2.15	0.583	0.17	2.38	99.32	16	23	120	230	23	70	30	40	20	2	< 5
884195	0.16	72.34	15.95	0.85	0.042	0.18	0.45	5.50	2.58	0.024	0.24	0.76	98.93	< 1	198	11	< 20	1	< 20	< 10	< 30	33	4	< 5
884196	0.06	63.82	15.62	6.90	0.102	3.80	1.62	3.53	2.75	0.611	0.18	1.99	100.9	18	21	130	190	26	90	40	60	20	2	< 5

Activation Laboratories Ltd. Report: A11-11779

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884184	59	246	21	115	10	< 2	1.1	< 0.2	6	< 0.5	5.1	253	1.1	2.7	0.7	2	0.3	< 5	3.9	0.5		
884185	397	184	2	11	24	< 2	< 0.5	< 0.2	41	< 0.5	13.6	405	15.2	0.8	17.1	1	2.3	9	1.1	2.4		
884186	315	175	2	13	15	< 2	< 0.5	< 0.2	31	< 0.5	10.2	303	6.7	0.7	8.3	< 1	2.1	7	1.0	1.6		
884187	72	189	19	96	12	< 2	0.8	< 0.2	15	< 0.5	11.6	202	3.2	2.4	1.6	2	0.5	7	3.2	1.7		
884188	617	149	< 2	16	24	< 2	< 0.5	< 0.2	34	< 0.5	17.4	531	2.1	1.5	19.3	1	3.4	13	1.7	7.0	2.65	
884189	386	125	< 2	6	21	< 2	< 0.5	< 0.2	47	< 0.5	13.1	520	3.5	0.7	23.3	< 1	2.5	8	0.9	3.2		
884190	627	45	< 2	16	46	22	< 0.5	< 0.2	84	< 0.5	44.4	103	0.9	2.0	29.5	2	4.4	16	2.0	4.7		
884191	442	144	< 2	< 4	16	< 2	< 0.5	< 0.2	35	< 0.5	17.6	772	3.8	0.4	8.4	2	3.0	7	0.4	1.1		
884192	396	129	< 2	4	18	< 2	< 0.5	< 0.2	39	< 0.5	21.5	444	8.6	0.4	8.2	1	2.8	8	0.9	2.3		
884193	574	101	3	31	46	< 2	< 0.5	< 0.2	51	< 0.5	40.7	268	1.7	2.3	84.4	1	4.4	10	2.6	6.2		
884194	147	285	12	144	9	< 2	1.3	< 0.2	23	< 0.5	75.1	675	1.1	3.6	7.4	2	1.2	7	7.6	2.9		
884195	675	60	2	21	68	< 2	< 0.5	< 0.2	87	< 0.5	66.9	194	3.2	2.7	115	2	5.0	13	3.8	7.4		
884196	325	290	12	125	12	< 2	1.1	< 0.2	30	< 0.5	171	738	0.7	3.4	15.1	1	3.1	11	7.5	2.6		

Activation Laboratories Ltd. Report: A11-11779

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	1	5	2	2	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	
TAN-1 Meas																									
TAN-1 Cert																									
NIST 694 Meas		11.13	1.90	0.75	0.013	0.36	44.31	0.88	0.56	0.121	30.21			1673											
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2			1740											
DNC-1 Meas		47.03	18.84	9.76	0.149	10.08	11.22	1.86	0.23	0.499	0.07	31		160	280	58	250	100	70					146	
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070	31		148.0	270.000	57.0	247.000	100.0	70.0					144.0	
GBW 07113 Meas		70.89	12.81	3.15	0.140	0.14	0.55	2.43	5.34	0.280	0.04	5	4	7										40	
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500	5.00	4.00	5.00										43.0	
GXR-4 Meas	< 0.01																								
GXR-4 Cert	0.00111																								
LKSD-3 Meas															70	31	50	40				23	72		
LKSD-3 Cert															87.0	30.0	47.0	35.0			27.0	78.0			
TDB-1 Meas																	90	310	140					22	
TDB-1 Cert																	92	323	155					23	
W-2a Meas		52.95	15.41	10.32	0.165	6.18	10.67	2.15	0.63	1.061	0.13	35	< 1	273	80	42	70	100	70	17	1	< 5	19	193	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130	36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	21.0	190	
SY-4 Meas		50.47	20.55	6.06	0.108	0.51	7.94	7.13	1.69	0.286	0.13	1	3	9										1192	
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131	1.1	2.6	8.0										1191	
CTA-AC-1 Meas																		60	< 30						
CTA-AC-1 Cert																		54.0	38.0						
BIR-1a Meas		47.17	15.55	10.81	0.170	9.44	12.95	1.76	0.02	0.974	0.02	43	< 1	330	370	53	160	130	70	15		< 5		108	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021	44	0.58	310	370	52	170	125	70	16		0.44		110	
ZW-C Meas																			1020	92				8430	
ZW-C Cert																			1050	99				8500	
NCS DC70014 Meas																26	70	2620	7400	25					
NCS DC70014 Cert																26.2	70.9	2600.00	7400.00	25.2					
NCS DC70009 (GBW07241) Meas															30	3	< 20	920	100	17	11	72	505		
NCS DC70009 (GBW07241) Cert															30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	500.00		
OREAS 100a (Fusion) Meas																16		160							
OREAS 100a (Fusion) Cert																18.1		169							
OREAS 101a (Fusion) Meas																47		430							
OREAS 101a (Fusion) Cert																48.8		434							
OREAS 101b (Fusion) Meas																43	< 20	390							
OREAS 101b (Fusion) Cert																47	9	416							
JR-1 Meas															< 20	< 1	< 20	< 10	30	17	3	15	246		
JR-1 Cert															2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	257		
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								
BCR-2 Meas		54.82	13.61	13.57		3.57	7.10	3.10	1.80	2.275	0.36	33		440										349	
BCR-2 Cert		54.1	13.5	13.8		3.59	7.12	3.16	1.79	2.26	0.35	33		416										346	
884193 Orig	0.08																								
884193 Dup	0.09																								
884196 Orig	0.06														190	26	90	40	60	20	2	< 5	325		
884196 Split	0.05														200	26	80	40	60	21	2	< 5	333		
Method Blank Method	< 0.01																								
Blank																									

Activation Laboratories Ltd. Report: A11-11779

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	1	5	2	2
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP

Method Blank Method
Blank
Method Blank Method
Blank

< 20 < 1 < 20 < 10 < 30 < 1 < 1 < 5 < 2

Activation Laboratories Ltd. Report: A11-11779

Quality Control																				
Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
TAN-1 Meas																			2440	
TAN-1 Cert																				2360
NIST 694 Meas																				
NIST 694 Cert																				
DNC-1 Meas	15	37						0.9		105										
DNC-1 Cert	18.0	38						0.96		118										
GBW 07113 Meas	43	383								490										
GBW 07113 Cert	43.0	403								506										
GXR-4 Meas																				
GXR-4 Cert																				
LKSD-3 Meas				< 2	1.9		2	0.9	2.3				0.6	< 1					4.5	
LKSD-3 Cert				2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60	
TDB-1 Meas																			2.7	
TDB-1 Cert																			2.7	
W-2a Meas	17	97	7	< 2	< 0.5				0.9	171	< 0.4	2.4	0.4			8		2.4		
W-2a Cert	24.0	94.0	7.90	0.600	0.0460				0.990	182	0.0300	2.60	0.500			9.30		2.40		
SY-4 Meas	111	533								346										
SY-4 Cert	119	517								340										
CTA-AC-1 Meas																			2.8	4.3
CTA-AC-1 Cert																			2.65	4.4
BIR-1a Meas	13	16	< 1					0.6		8		0.5				< 5				
BIR-1a Cert	16	18	0.6					0.58		6		0.60				3				
ZW-C Meas																			86.1	
ZW-C Cert																			82	
NCS DC70014 Meas				271	16.5			180			80.3							27200		
NCS DC70014 Cert				270	16.7			180.000			80.3							27200.00		
NCS DC70009 (GBW07241) Meas					4.6	1.3	1700		43.8					2200						
NCS DC70009 (GBW07241) Cert					1.8	1.3	1701.000		41					2200.00						
OREAS 100a (Fusion) Meas				21															49.1	136
OREAS 100a (Fusion) Cert				24.1															51.6	135
OREAS 101a (Fusion) Meas				19															36.2	422
OREAS 101a (Fusion) Cert				21.9															36.6	422
OREAS 101b (Fusion) Meas				19															39.1	429
OREAS 101b (Fusion) Cert				20.9															37.1	396
JR-1 Meas			15	3	< 0.5	< 0.2	3	1.3	20.8		0.6	4.2	1.9	3	1.6	23	26.8		9.7	
JR-1 Cert			15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7		8.88	
SARM 3 Meas			979																	
SARM 3 Cert			978																	
NCS DC86303 Meas																				
NCS DC86303 Cert																				
NCS DC86314 Meas																				
NCS DC86314 Cert																				
BCR-2 Meas	31	188								696										
BCR-2 Cert	37	188								683										
884193 Orig																				
884193 Dup																				
884196 Orig			12	< 2	1.1	< 0.2	30	< 0.5	171		0.7	3.4	15.1	1	3.1	11	7.5		2.6	
884196 Split			12	< 2	1.0	< 0.2	30	< 0.5	175		0.4	3.3	15.7	1	2.9	9	7.4		2.7	
Method Blank Method Blank																				
Method Blank Method Blank			< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1		< 0.1	

Quality Control																				
Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.1	0.01
Analysis Method	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

Method Blank Method
Blank

0.06



Date Submitted: 12-Oct-11
Invoice No.: A11-11829
Invoice Date: 14-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 11 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-11829**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-11829

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884172	0.05	64.01	15.16	6.37	0.087	3.27	1.84	3.98	2.15	0.573	0.14	2.51	100.1	15	21	118	170	20	70	90	70	17	2	< 5
884173	0.24	67.70	15.67	4.06	0.106	1.77	2.11	4.84	2.54	0.402	0.18	1.60	101.0	12	157	90	30	11	20	50	40	30	3	< 5
884174	0.51	73.01	16.41	0.76	0.078	0.06	0.43	4.51	3.05	0.002	0.21	0.87	99.39	< 1	199	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5
884175	0.37	74.34	15.28	0.69	0.074	0.09	0.70	4.20	3.54	0.002	0.31	0.94	100.1	< 1	169	5	< 20	< 1	< 20	< 10	< 30	30	3	< 5
884176	0.63	73.04	16.14	0.89	0.080	0.09	0.37	3.03	4.43	0.002	0.22	0.73	99.02	< 1	103	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
884177	0.82	75.52	15.83	0.73	0.069	0.04	0.31	3.51	2.49	0.002	0.19	0.48	99.18	< 1	163	< 5	< 20	< 1	< 20	< 10	< 30	35	4	< 5
884178	0.53	73.56	16.16	0.65	0.046	0.04	0.41	3.62	4.52	0.002	0.19	0.50	99.69	< 1	181	< 5	< 20	< 1	< 20	< 10	< 30	29	3	< 5
884179	0.67	73.73	16.07	0.67	0.057	0.03	0.30	3.67	3.40	0.002	0.13	0.59	98.64	< 1	190	< 5	< 20	< 1	< 20	< 10	< 30	31	3	< 5
884180	0.38	85.29	7.81	1.63	0.047	0.04	0.17	1.66	1.30	0.033	0.07	0.18	98.21	2	75	6	20	336	< 20	30	40	19	2	< 5
884181	0.69	74.03	15.91	0.73	0.070	0.03	0.25	3.78	2.88	0.002	0.15	0.69	98.52	< 1	190	< 5	< 20	< 1	< 20	< 10	90	34	3	< 5
884182	0.18	71.73	15.44	0.67	0.033	0.14	1.91	4.76	3.81	0.012	0.20	2.06	100.8	< 1	157	7	< 20	< 1	< 20	10	< 30	27	3	< 5
884183	0.06	62.49	15.97	7.03	0.101	3.56	2.52	3.16	2.46	0.621	0.16	2.64	100.7	18	7	129	170	27	80	70	60	20	2	< 5

Activation Laboratories Ltd. Report: A11-11829

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884172	126	369	11	114	6	< 2	1.0	< 0.2	16	0.8	89.0	582	< 0.4	2.8	3.2	1	1.0	13	6.7	2.0	
884173	487	86	7	32	31	< 2	< 0.5	< 0.2	51	1.0	30.1	200	6.2	1.4	29.3	2	3.9	16	2.0	3.3	
884174	633	42	< 2	17	28	< 2	< 0.5	< 0.2	54	0.8	39.9	113	5.1	1.5	21.6	1	4.7	13	2.4	7.3	
884175	707	48	< 2	< 4	17	< 2	< 0.5	< 0.2	45	1.0	40.9	154	3.9	0.4	10.8	1	5.6	14	1.3	5.1	
884176	865	43	< 2	< 4	13	< 2	< 0.5	< 0.2	57	0.8	46.8	103	2.9	0.3	8.9	1	7.3	16	1.0	4.4	
884177	617	25	< 2	9	33	< 2	< 0.5	< 0.2	69	0.8	43.7	34	1.8	1.0	28.7	1	4.9	12	1.8	3.7	
884178	924	34	< 2	5	14	< 2	< 0.5	< 0.2	46	0.9	52.0	37	1.7	0.5	14.4	< 1	7.4	14	1.2	2.7	2.73
884179	699	30	< 2	< 4	13	< 2	< 0.5	< 0.2	43	0.8	41.0	27	1.3	0.4	13.7	3	5.7	13	0.6	1.6	
884180	302	24	3	65	23	11	0.6	< 0.2	45	1.3	21.7	59	0.6	2.2	21.2	4620	2.3	8	2.4	2.6	
884181	727	26	< 2	8	36	< 2	< 0.5	< 0.2	65	0.8	52.5	31	1.6	1.0	41.8	7	5.8	16	2.2	6.8	
884182	786	71	< 2	18	44	< 2	< 0.5	< 0.2	55	0.9	52.4	184	3.9	2.2	72.2	3	6.1	13	2.0	6.0	
884183	173	289	12	111	7	< 2	1.0	< 0.2	14	1.0	95.8	640	0.4	3.0	1.5	2	1.6	11	7.0	2.3	

Activation Laboratories Ltd. Report: A11-11829

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.46	1.89	0.74	0.011	0.35	43.13	0.87	0.56	0.116	30.22															
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2															
DNC-1 Meas		47.14	18.62	9.82	0.147	10.10	11.37	1.92	0.23	0.486	0.07			31	157	270		59	250							
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000							
GBW 07113 Meas		72.35	12.47	3.13	0.137	0.14	0.59	2.40	5.33	0.273	0.05			5	4	7										
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00										
LKSD-3 Meas																	70	29	50	30	150			20		
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0		
TDB-1 Meas																	230		90	330	150					
TDB-1 Cert																	251		92	323	155					
W-2a Meas		52.66	15.29	10.74	0.168	6.36	10.99	2.22	0.63	1.071	0.13			36	< 1	278	80	44	70	110	80	18	1	< 5		
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20		
SY-4 Meas		49.88	20.69	6.24	0.108	0.51	8.05	6.92	1.68	0.287	0.11			1	3	8										
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0										
CTA-AC-1 Meas																			< 1		60	30				
CTA-AC-1 Cert																			2.72		54.0	38.0				
BIR-1a Meas		47.74	15.62	11.30	0.174	9.57	13.44	1.79	0.02	0.963	< 0.01			43	< 1	336	370	54	170	130	80	16		< 5		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44		
ZW-C Meas																					1010	95				
ZW-C Cert																					1050	99				
NCS DC70014 Meas																			26	70	2640	7400	25			
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																		30	3	< 20	860	100	16	11	73	
NCS DC70009 (GBW07241) Cert																		30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			16		160					
OREAS 100a (Fusion) Cert																			18.1		169					
OREAS 101a (Fusion) Meas																			48		440					
OREAS 101a (Fusion) Cert																			48.8		434					
OREAS 101b (Fusion) Meas																			46	< 20	420					
OREAS 101b (Fusion) Cert																			47	9	416					
JR-1 Meas																		< 20	< 1	< 20	< 10	< 30	16	3	14	
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86314 Meas	1.83																									
NCS DC86314 Cert	1.81																									
BCR-2 Meas		54.51	13.41	13.87		3.57	7.17	3.16	1.82	2.297	0.34			33		437										
BCR-2 Cert		54.1	13.5	13.8		3.59	7.12	3.16	1.79	2.26	0.35			33		416										
884181 Orig	0.69																									
884181 Dup	0.69																									
884183 Orig	0.06	62.49	15.97	7.03	0.101	3.56	2.52	3.16	2.46	0.621	0.16	2.64	100.7	18	7	129	170	27	80	70	60	20	2	< 5		
884183 Split	0.06	62.96	15.79	6.98	0.099	3.61	2.53	3.28	2.49	0.613	0.13	2.48	101.0	18	7	132	160	25	80	70	60	18	2	< 5		
Method Blank Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank Method Blank																										
Method Blank Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-11829

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		144	16	35						0.6		107									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		40	43	394								491									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	70					< 2	2.5		2	0.8	2.3				0.6				10.7	4.2	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700				11.4	4.60	
TDB-1 Meas																				2.7	
TDB-1 Cert																				2.7	
W-2a Meas	19	195	19	84	7	< 2	0.6			0.8	0.9	176	< 0.4	2.4	0.5	< 1		8	2.2	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530	
SY-4 Meas		1202	115	535								346									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas															2.5				22.9	4.0	
CTA-AC-1 Cert															2.65				21.8	4.4	
BIR-1a Meas		108	14	16	< 1					0.5		8		0.6					< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60					3		
ZW-C Meas															87.8						
ZW-C Cert															82						
NCS DC70014 Meas						270	16.6					180							27200		
NCS DC70014 Cert						270	16.7					180.000							27200.00		
NCS DC70009 (GBW07241) Meas	502						2.8	1.3	1700			3.4	43.1					2200			
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000			3.1	41					2200.00			
OREAS 100a (Fusion) Meas						22													51.1	132	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas						21													37.4	423	
OREAS 101a (Fusion) Cert						21.9													36.6	422	
OREAS 101b (Fusion) Meas						21													34.4	400	
OREAS 101b (Fusion) Cert						20.9													37.1	396	
JR-1 Meas	247				14	3	0.8	< 0.2	3	1.0	20.7		0.7	4.5	1.9	2	1.5	18	27.8	8.9	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
BCR-2 Meas		338	31	169								699									
BCR-2 Cert		346	37	188								683									
884181 Orig																					
884181 Dup																					
884183 Orig	173	289	12	111	7	< 2	1.0	< 0.2	14	1.0	95.8	640	0.4	3.0	1.5	2	1.6	11	7.0	2.3	
884183 Split	163	284	13	112	7	< 2	0.9	< 0.2	13	0.9	90.1	639	0.5	2.8	1.4	2	1.5	10	6.5	2.1	
Method Blank Method Blank																					0.06
Method Blank Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank Method Blank																					



Date Submitted: 19-Oct-11
Invoice No.: A11-12217 (i)
Invoice Date: 21-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

5 Pulp samples and 47 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-12217 (i)

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-12217 (i) rev 1

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884248	0.14	74.04	15.68	0.56	0.040	0.12	0.38	5.62	3.90	< 0.001	0.19	0.46	101.0	< 1	90	< 5	< 20	< 1	< 20	< 10	30	31	4	< 5

Activation Laboratories Ltd. Report: A11-12217 (i) rev 1

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884197	372	331	11	110	16	< 2	0.7	< 0.2	14	< 0.5	173	526	0.8	3.3	26.8	< 1	3.4	14	6.6	3.0	
884198	1040	39	< 2	7	41	< 2	< 0.5	< 0.2	72	< 0.5	62.4	53	3.2	0.9	34.7	< 1	6.9	16	1.5	4.9	
884199	634	42	< 2	7	32	< 2	< 0.5	< 0.2	52	< 0.5	57.9	86	4.1	0.5	21.3	< 1	4.7	14	1.5	3.7	
884200	3	6	< 2	54	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	26	< 0.4	1.5	0.1	< 1	0.2	< 5	1.1	0.3	
884201	495	52	< 2	12	37	< 2	< 0.5	< 0.2	77	< 0.5	47.5	73	2.9	1.4	56.2	3	3.1	13	2.2	5.6	2.69
884202	239	359	11	126	6	< 2	0.6	< 0.2	10	< 0.5	105	477	0.4	3.3	5.6	< 1	2.3	14	7.0	2.3	
884203	520	316	14	135	10	< 2	0.5	< 0.2	31	< 0.5	461	685	0.8	3.1	4.8	< 1	4.8	12	7.8	2.5	
884204	595	28	< 2	20	61	< 2	< 0.5	< 0.2	87	< 0.5	67.7	40	3.1	3.0	105	5	4.4	18	2.4	8.7	
884205	837	314	13	112	20	< 2	< 0.5	< 0.2	66	< 0.5	417	487	0.4	3.0	25.8	< 1	6.8	10	5.4	2.8	
884206	830	309	9	97	14	< 2	< 0.5	< 0.2	55	< 0.5	469	487	0.8	2.9	18.4	< 1	7.9	12	5.7	2.8	
884207	419	61	< 2	22	85	< 2	< 0.5	< 0.2	81	< 0.5	70.1	134	2.7	4.1	224	1	2.6	13	4.9	7.9	
884208	408	318	11	133	15	< 2	0.8	< 0.2	18	< 0.5	449	474	0.8	3.8	18.4	< 1	3.6	13	7.5	3.1	
884209	308	366	12	130	6	< 2	0.6	< 0.2	11	< 0.5	251	577	0.5	3.3	1.9	< 1	2.8	13	7.5	2.4	
884210	645	43	< 2	16	44	22	< 0.5	< 0.2	88	< 0.5	44.5	103	1.0	1.8	30.1	1	4.5	17	1.8	4.4	
884211	1030	48	< 2	13	50	< 2	< 0.5	< 0.2	73	< 0.5	78.8	46	2.2	2.3	102	< 1	7.5	16	2.8	5.8	
884212	858	48	< 2	8	40	< 2	< 0.5	< 0.2	52	< 0.5	53.5	36	16.0	0.7	22.9	1	6.7	21	1.8	7.7	2.76
884213	557	59	< 2	6	29	< 2	< 0.5	< 0.2	62	< 0.5	42.2	42	9.9	0.6	18.2	< 1	3.9	16	2.0	6.3	
884214	717	59	< 2	9	19	< 2	< 0.5	< 0.2	57	< 0.5	47.4	52	11.3	1.0	7.8	1	5.0	17	1.7	7.4	
884215	691	52	< 2	8	40	< 2	< 0.5	< 0.2	57	< 0.5	43.9	97	2.6	1.0	31.6	< 1	4.7	16	1.8	4.5	
884216	954	53	< 2	18	66	< 2	< 0.5	< 0.2	82	< 0.5	72.9	77	1.2	3.0	113	< 1	7.3	17	2.9	8.7	
884217	429	305	14	155	8	< 2	0.6	< 0.2	24	< 0.5	232	624	0.7	4.1	3.0	< 1	3.7	10	8.2	2.9	
884218	237	233	12	143	6	< 2	0.6	< 0.2	17	< 0.5	80.4	738	0.4	3.9	0.7	< 1	2.0	17	7.7	2.5	2.79
884219	886	60	< 2	8	36	< 2	< 0.5	< 0.2	66	< 0.5	49.2	209	9.1	1.0	33.9	1	6.0	16	1.7	7.0	
884220	329	24	3	62	22	12	< 0.5	< 0.2	44	< 0.5	21.8	60	< 0.4	2.5	14.9	2	2.2	9	2.4	2.9	
884221	1340	76	< 2	< 4	23	< 2	< 0.5	< 0.2	47	< 0.5	58.1	336	13.6	0.3	14.0	1	9.3	19	0.9	6.2	
884222	986	39	< 2	9	28	< 2	< 0.5	< 0.2	47	< 0.5	54.3	97	11.6	1.0	24.0	< 1	7.0	16	1.1	5.3	
884223	533	28	< 2	19	22	< 2	< 0.5	< 0.2	49	< 0.5	47.5	109	11.0	1.7	19.2	< 1	3.7	16	1.8	9.6	
884224	818	31	< 2	23	41	< 2	< 0.5	< 0.2	80	< 0.5	65.9	96	8.6	2.5	35.0	< 1	5.7	17	2.2	7.4	
884225	449	39	< 2	22	45	< 2	< 0.5	< 0.2	48	< 0.5	43.7	214	0.9	3.0	53.4	< 1	2.7	13	3.4	11.2	
884226	530	39	< 2	31	95	< 2	< 0.5	< 0.2	53	< 0.5	47.3	235	1.1	3.9	191	1	3.3	14	3.0	10.1	
884227	717	48	< 2	11	44	< 2	< 0.5	< 0.2	61	< 0.5	58.6	114	3.5	1.5	42.1	< 1	5.1	18	3.0	8.4	
884228	492	71	< 2	25	41	< 2	< 0.5	< 0.2	48	< 0.5	34.7	203	10.1	2.3	45.5	1	3.0	20	2.7	15.6	
884229	726	82	< 2	13	40	< 2	< 0.5	< 0.2	56	< 0.5	44.0	218	10.1	1.5	58.4	2	4.6	16	2.1	10.4	
884230	3	4	< 2	59	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	24	< 0.4	1.4	0.4	1	0.2	< 5	0.7	0.3	
884231	724	61	< 2	16	37	< 2	< 0.5	< 0.2	48	< 0.5	47.0	146	3.5	1.8	51.6	< 1	4.5	15	1.7	8.9	
884232	263	255	11	146	19	3	< 0.5	< 0.2	47	< 0.5	68.9	456	2.0	3.8	20.1	3	2.0	11	7.8	3.3	
884233	156	342	11	139	10	< 2	0.5	< 0.2	7	< 0.5	56.0	516	1.0	3.9	12.3	< 1	1.3	15	7.6	3.2	
884234	260	342	11	141	7	< 2	< 0.5	< 0.2	15	< 0.5	103	491	3.1	3.4	2.2	< 1	1.9	17	7.7	2.5	
884235	167	352	11	126	6	< 2	< 0.5	< 0.2	7	< 0.5	65.0	509	1.4	3.3	1.5	< 1	1.3	13	7.1	2.6	
884236	181	325	10	120	10	< 2	< 0.5	< 0.2	7	< 0.5	50.5	530	0.8	3.3	8.2	< 1	1.4	15	6.5	3.3	
884237	183	351	12	117	7	< 2	< 0.5	< 0.2	9	< 0.5	52.6	623	0.7	3.3	1.9	2	1.6	16	7.0	2.3	
884238	615	48	< 2	10	38	< 2	< 0.5	< 0.2	48	< 0.5	61.5	93	7.3	1.3	37.6	< 1	4.2	15	2.4	6.3	
884239	1270	50	< 2	< 4	12	< 2	< 0.5	< 0.2	27	< 0.5	87.1	101	1.8	0.4	15.3	< 1	9.6	21	1.0	4.1	
884240	637	50	< 2	17	47	23	< 0.5	< 0.2	86	0.6	43.8	103	1.0	2.0	30.1	2	4.4	18	2.0	4.7	
884241	727	32	< 2	9	30	< 2	< 0.5	< 0.2	51	< 0.5	55.2	34	3.0	1.0	29.5	< 1	5.4	16	1.5	5.5	2.71
884242	748	55	< 2	13	31	< 2	< 0.5	< 0.2	56	< 0.5	66.5	104	3.3	1.4	36.4	< 1	5.3	14	1.6	5.4	
884243	349	393	12	137	8	< 2	0.7	< 0.2	17	< 0.5	138	602	< 0.4	3.3	2.1	< 1	3.3	13	13.6	2.5	
884244	680	97	3	34	47	< 2	< 0.5	< 0.2	51	< 0.5	101	302	3.4	2.3	57.0	1	4.3	13	3.1	6.8	
884245	550	273	10	110	13	4	< 0.5	< 0.2	29	< 0.5	200	512	0.8	2.8	12.8	< 1	5.5	13	6.2	3.7	
884246	576	255	13	112	18	3	< 0.5	< 0.2	30	< 0.5	217	531	0.8	3.1	16.8	< 1	5.4	12	6.8	4.2	
884247	244	307	10	109	8	< 2	< 0.5	< 0.2	12	< 0.5	85.2	669	0.7	3.0	5.5	< 1	2.0	19	6.8	2.9	
884248	907	66	< 2	17	60	< 2	< 0.5	< 0.2	38	< 0.5	84.3	219	2.3	2.6	121	< 1	6.2	19	2.2	7.6	

Activation Laboratories Ltd. Report: A11-12217 (i) rev 1

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
DNC-1 Meas																	280	58	250	100	70				
DNC-1 Cert														270.000			57.0	247.000	100.0	70.0					
LKSD-3 Meas														70	31	50	40							24	
LKSD-3 Cert														87.0	30.0	47.0	35.0							27.0	
TDB-1 Meas														230			90	330	150						
TDB-1 Cert														251			92	323	155						
W-2a Meas														90	44	60	110	80	18		2			< 5	
W-2a Cert														92.0	43.0	70.0	110	80.0	17.0	1.00	1.20				
CTA-AC-1 Meas															< 1		60	< 30							
CTA-AC-1 Cert																2.72		54.0	38.0						
BIR-1a Meas														370	52	160	130	70	15					< 5	
BIR-1a Cert														370	52	170	125	70	16					0.44	
ZW-C Meas	1.15																				1060	95			
ZW-C Cert	1.13																				1050	99			
NCS DC70014 Meas																	26	70	2610	7400	25				
NCS DC70014 Cert																	26.2	70.9	2600.00	7400.00	25.2				
NCS DC70009 (GBW07241) Meas														30	3	< 20	920	100	16	11	72				
NCS DC70009 (GBW07241) Cert														30	3.7	2.8	960.000	100.000	16.5	11.2	69.9				
OREAS 100a (Fusion) Meas																	17		170						
OREAS 100a (Fusion) Cert																	18.1		169						
OREAS 101a (Fusion) Meas																	48		440						
OREAS 101a (Fusion) Cert																	48.8		434						
OREAS 101b (Fusion) Meas																	45	< 20	430						
OREAS 101b (Fusion) Cert																	47	9	416						
JR-1 Meas														< 20	< 1	< 20	< 10	< 30	16	3	16				
JR-1 Cert														2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3				
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.07																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.81																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.75																								
NCS DC86314 Cert	1.81																								
884206 Orig	0.13																								
884206 Dup	0.13																								
884211 Orig		73.05	16.14	0.53	0.072	0.06	0.30	4.74	3.75	0.004	0.20	0.70	99.54	< 1	127	5	< 20	< 1	< 20	10	50	34	5	< 5	
884211 Dup		72.28	15.89	0.54	0.073	0.06	0.30	4.82	3.82	0.004	0.20	0.70	98.68	< 1	126	5	< 20	< 1	< 20	< 10	60	32	5	< 5	
884216 Orig	0.23																								
884216 Dup	0.22																								
884226 Orig	0.60																								
884226 Dup	0.61																								
884228 Orig		73.79	16.14	0.78	0.055	0.06	0.55	6.18	2.35	0.001	0.33	0.73	101.0	< 1	240	< 5	< 20	< 1	< 20	< 10	40	38	4	< 5	
884228 Dup		73.34	16.17	0.78	0.055	0.06	0.56	6.05	2.30	0.001	0.33	0.73	100.4	< 1	239	< 5	< 20	< 1	< 20	< 10	40	37	4	< 5	
884236 Orig	0.08																								
884236 Dup	0.08																								
884239 Orig		72.61	15.69	0.79	0.103	0.17	0.34	3.12	6.18	0.001	0.21	0.56	99.79	< 1	91	< 5									

Activation Laboratories Ltd. Report: A11-12217 (i) rev 1

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
884239 Dup		72.82	15.81	0.78	0.104	0.17	0.34	3.12	6.21	0.001	0.19	0.56	100.1	< 1	90	7										
884246 Orig	0.16																									
884246 Dup	0.16																									
Method Blank Method Blank																										
Method Blank Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank Method Blank	< 0.01																									
Method Blank Method Blank	< 0.01																									
Method Blank Method Blank	< 0.01																									

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
DNC-1 Meas										0.9											
DNC-1 Cert										0.96											
LKSD-3 Meas	73					< 2	1.8		2	1.4	2.3				0.7	2			11.0	4.6	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
TDB-1 Meas	22																		2.7		
TDB-1 Cert	23																		2.7		
W-2a Meas	19				8	< 2	< 0.5			0.9	0.9		< 0.4	2.4		< 1		8	2.6	0.6	
W-2a Cert	21.0				7.90	0.600	0.0460			0.790	0.990		0.0300	2.60		0.300		9.30	2.40	0.530	
CTA-AC-1 Meas														1.2	2.8				23.7	4.2	
CTA-AC-1 Cert														1.13	2.65				21.8	4.4	
BIR-1a Meas					< 1					0.6								< 5			
BIR-1a Cert					0.6					0.58								3			
ZW-C Meas	8150															83.9					
ZW-C Cert	8500															82					
NCS DC70014 Meas						270	16.7			180			80.3						27200		
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	501						3.5	1.3	1700				43.7								
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000				41								
OREAS 100a (Fusion) Meas						22													49.9	134	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas																			35.3	422	
OREAS 101a (Fusion) Cert																			36.6	422	
OREAS 101b (Fusion) Meas						20													37.1	386	
OREAS 101b (Fusion) Cert						20.9													37.1	396	
JR-1 Meas	246			14	3	< 0.5	< 0.2	3	1.3	20.8			0.9	4.2	1.9	2	1.6	24	27.5	9.3	
JR-1 Cert	257			15.2	3.25	0.031	0.028	2.86	1.19	20.8			0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas						979															
SARM 3 Cert						978															
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884206 Orig																					
884206 Dup																					
884211 Orig	1050	48	< 2	12	50	< 2	< 0.5	< 0.2	75	< 0.5	81.0	46	2.1	2.4	106	< 1	7.5	16	2.8	5.8	
884211 Dup	1000	48	< 2	13	49	< 2	< 0.5	< 0.2	71	< 0.5	76.5	45	2.3	2.2	98.2	< 1	7.6	16	2.7	5.9	
884216 Orig																					
884216 Dup																					
884226 Orig																					
884226 Dup																					
884228 Orig	498	72	< 2	26	41	< 2	< 0.5	< 0.2	48	< 0.5	34.9	204	10.0	2.4	46.5	2	3.0	20	2.7	15.1	
884228 Dup	486	70	< 2	25	41	< 2	< 0.5	< 0.2	48	< 0.5	34.5	202	10.3	2.2	44.5	1	3.0	20	2.8	16.0	
884236 Orig																					
884236 Dup																					
884239 Orig		50	< 2	< 4								101									

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

884239 Dup		50	< 2	< 4								101									
884246 Orig																					
884246 Dup																					
Method Blank Method Blank																					< 0.01
Method Blank Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank Method Blank																					
Method Blank Method Blank																					
Method Blank Method Blank																					



Date Submitted: 24-Oct-11
Invoice No.: A11-12451
Invoice Date: 02-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

5 Pulp samples and 38 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-12451

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-12451

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884249	0.05	64.36	14.92	6.42	0.086	3.48	2.26	3.54	2.32	0.594	0.18	1.67	99.83	16	3	122	260	27	90	50	90	18	2	< 5
884250	< 0.01	99.35	0.34	0.95	0.010	0.02	0.03	0.04	0.06	0.031	< 0.01	0.08	100.9	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884251	0.18	75.73	14.41	0.66	0.053	0.06	0.23	4.61	2.85	0.003	0.07	0.90	99.56	< 1	172	< 5	< 20	< 1	< 20	< 10	< 30	34	4	< 5
884252	0.78	77.21	15.62	0.79	0.075	0.14	0.25	3.41	2.56	0.002	0.17	0.67	100.9	< 1	169	< 5	< 20	< 1	< 20	< 10	40	38	5	< 5
884253	0.35	77.04	14.57	0.60	0.042	0.08	0.25	4.08	3.08	0.002	0.15	0.67	100.6	< 1	162	< 5	< 20	1	< 20	< 10	< 30	31	5	< 5
884254	0.42	74.75	16.08	0.71	0.058	0.08	0.50	5.23	2.70	0.005	0.22	0.54	100.9	2	130	< 5	< 20	< 1	< 20	< 10	< 30	34	5	< 5
884255	0.17	62.45	14.55	7.67	0.113	3.78	2.98	2.62	1.87	0.664	0.15	1.66	98.52	17	4	137	400	31	100	70	130	21	3	< 5
884256	0.12	65.62	14.73	6.00	0.097	3.14	2.76	3.16	1.84	0.527	0.15	1.90	99.92	14	10	107	250	24	80	40	80	21	3	< 5
884257	0.07	72.75	14.90	0.51	0.020	0.11	0.43	5.53	3.10	0.004	0.12	0.54	98.00	< 1	97	< 5	< 20	< 1	< 20	< 10	< 30	32	4	< 5
884258	0.16	72.17	15.75	0.68	0.039	0.14	0.40	5.03	2.92	0.003	0.11	0.84	98.09	< 1	174	5	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884259	0.08	63.38	15.06	6.17	0.100	3.21	2.14	3.34	2.63	0.582	0.24	1.80	98.65	16	10	121	240	27	90	60	60	19	3	< 5
884260	0.35	86.25	8.08	1.62	0.047	0.05	0.15	1.74	1.31	0.032	0.08	0.28	99.63	< 1	75	< 5	30	1	20	20	50	21	3	< 5
884261	0.07	63.78	14.77	6.32	0.108	3.44	2.33	2.86	2.81	0.585	0.24	2.13	99.38	16	8	120	280	24	80	50	80	19	2	7
884262	0.15	64.69	14.19	6.65	0.106	3.42	3.19	2.72	1.96	0.578	0.18	1.72	99.42	16	10	120	320	27	80	60	100	19	2	< 5
884263	< 0.01	74.84	15.25	0.56	0.022	0.10	0.35	6.10	1.60	0.015	0.16	1.00	99.99	< 1	159	7	< 20	< 1	< 20	< 10	< 30	35	5	< 5
884264	0.08	64.02	14.68	6.42	0.086	3.44	1.92	3.33	2.47	0.570	0.14	1.78	98.88	16	8	119	240	25	90	30	60	19	2	< 5
884265	0.10	62.41	15.24	6.58	0.094	3.50	1.60	2.99	2.93	0.587	0.21	1.96	98.10	17	13	129	230	27	90	10	70	22	2	< 5
884266	0.10	62.48	15.53	6.78	0.094	3.53	1.56	3.04	2.96	0.608	0.17	2.02	98.77	17	12	131	240	28	90	30	70	21	2	< 5
884267	0.23	73.80	14.76	0.67	0.085	0.08	0.35	4.90	2.08	0.007	0.26	1.03	98.02	< 1	201	6	< 20	< 1	< 20	10	< 30	37	4	< 5
884268	0.38	73.31	15.87	0.68	0.051	0.08	0.33	4.07	4.00	0.001	0.16	0.98	99.51	< 1	164	< 5	< 20	< 1	< 20	< 10	70	35	4	< 5
884269	< 0.01	74.35	14.91	0.40	0.041	0.05	0.68	5.92	2.25	0.003	0.22	1.13	99.96	< 1	147	6	< 20	< 1	< 20	< 10	< 30	32	5	< 5
884270	< 0.01	98.30	0.39	1.76	0.018	0.01	0.03	0.04	0.07	0.033	< 0.01	0.28	100.9	< 1	< 1	6	< 20	< 1	< 20	10	< 30	< 1	2	< 5
884271	0.10	62.30	15.02	7.68	0.131	4.14	2.36	2.51	2.86	0.678	0.14	2.53	100.4	21	5	157	210	29	110	50	80	20	2	< 5
884272	0.11	65.29	14.88	6.15	0.080	2.92	2.22	3.09	2.45	0.555	0.16	1.24	99.04	15	7	111	230	25	80	40	80	19	2	< 5
884273	0.46	74.18	15.59	0.67	0.087	0.12	0.30	4.20	1.76	0.005	0.16	0.95	98.02	< 1	137	5	< 20	< 1	< 20	10	30	42	5	< 5
884274	0.72	75.06	15.71	0.87	0.069	0.08	0.32	3.48	2.37	0.002	0.20	0.73	98.88	< 1	178	< 5	< 20	< 1	< 20	10	50	42	5	< 5
884275	0.50	75.50	13.75	0.94	0.085	0.06	0.36	2.77	3.59	0.002	0.26	0.67	97.99	< 1	81	< 5	< 20	< 1	< 20	10	320	32	3	< 5
884276	0.37	73.04	14.71	1.04	0.089	0.05	0.27	1.76	5.87	0.003	0.24	0.86	97.94	< 1	151	< 5	< 20	< 1	< 20	20	580	38	4	< 5
884277	0.59	73.47	15.34	1.20	0.382	0.05	0.32	2.91	3.71	0.002	0.15	0.64	98.19	< 1	178	< 5	< 20	< 1	< 20	< 10	30	36	5	< 5
884278	0.36	74.85	15.15	1.27	0.361	0.11	0.36	3.39	3.99	0.001	0.12	0.83	100.4	< 1	138	< 5	< 20	< 1	< 20	< 10	< 30	34	5	< 5
884279	0.64	74.97	14.73	0.84	0.097	0.03	0.26	2.81	3.65	0.001	0.13	0.51	98.01	< 1	155	< 5	< 20	< 1	< 20	10	< 30	32	4	< 5
884280	0.74	73.23	15.04	3.20	0.094	0.06	0.26	3.41	2.41	0.003	0.15	0.25	98.11	< 1	150	< 5	40	2	30	50	90	40	5	< 5
884281	0.51	75.73	14.81	1.17	0.152	0.04	0.33	3.22	2.96	0.002	0.22	0.87	99.51	< 1	134	< 5	< 20	< 1	< 20	20	< 30	41	4	< 5
884282	0.87	75.86	16.16	0.83	0.068	0.04	0.31	3.20	2.10	0.001	0.16	0.69	99.42	< 1	173	5	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884283	0.11	73.34	15.07	1.15	0.118	0.09	0.34	4.46	3.51	0.002	0.22	0.88	99.16	< 1	135	< 5	< 20	4	< 20	50	70	37	4	< 5
884284	0.12	74.10	15.30	1.19	0.039	0.27	0.56	4.96	2.92	0.001	0.31	0.95	100.6	< 1	215	< 5	< 20	5	< 20	30	40	38	4	< 5
884285	0.01	72.76	15.06	1.29	0.028	0.36	0.84	6.64	1.03	0.010	0.44	1.05	99.50	< 1	219	5	< 20	9	< 20	120	40	33	3	< 5
884286	0.01	73.35	15.62	1.35	0.037	0.41	0.97	6.63	1.05	0.018	0.48	1.00	100.9	< 1	225	7	< 20	8	< 20	140	70	35	3	< 5
884287	0.02	46.68	11.02	15.19	0.214	11.04	8.39	1.96	0.87	2.368	0.24	2.22	100.2	25	3	373	580	84	470	120	150	22	3	< 5
884288	0.02	45.75	10.46	15.32	0.189	12.05	8.06	2.05	0.57	2.281	0.22	2.47	99.43	24	2	363	600	86	530	120	110	20	3	< 5
884289	0.01	73.04	14.60	1.87	0.027	1.12	0.66	6.56	1.02	0.027	0.15	1.26	100.3	< 1	152	9	< 20	3	< 20	< 10	< 30	32	2	< 5
884290	< 0.01	98.65	0.33	1.38	0.014	0.02	0.02	0.03	0.05	0.028	< 0.01	0.03	100.6	< 1	< 1	5	< 20	< 1	< 20	10	< 30	< 1	< 1	< 5
884291	0.01	48.05	11.55	14.66	0.204	8.97	8.32	2.62	0.88	2.435	0.25	1.25	99.20	24	5	363	430	70	340	140	130	23	2	< 5

Activation Laboratories Ltd. Report: A11-12451

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884249	165	449	11	132	6	<2	1.3	<0.2	7	<0.5	96.6	587	<0.4	3.1	1.0	<1	1.1	14	7.0	2.3	
884250	<2	5	<2	63	<1	<2	0.7	<0.2	<1	<0.5	<0.5	23	<0.4	1.4	<0.1	<1	<0.1	<5	0.6	0.2	
884251	541	31	<2	7	17	<2	<0.5	<0.2	50	<0.5	33.8	62	0.9	0.6	12.0	<1	3.2	15	1.0	4.4	
884252	623	45	<2	12	50	<2	<0.5	<0.2	84	<0.5	38.7	119	1.3	1.2	32.0	<1	4.1	17	2.1	6.1	2.72
884253	646	37	<2	10	43	<2	<0.5	<0.2	57	<0.5	42.3	103	1.7	1.0	40.5	<1	4.0	13	1.9	4.4	
884254	578	48	4	12	24	<2	<0.5	<0.2	46	<0.5	33.9	55	1.4	1.3	30.1	<1	3.9	14	1.4	3.8	
884255	187	479	13	189	6	<2	1.5	<0.2	7	<0.5	112	383	<0.4	4.3	0.6	<1	1.4	24	9.6	3.8	
884256	192	394	9	136	6	<2	0.9	<0.2	22	<0.5	139	362	<0.4	3.0	3.4	<1	1.2	15	6.4	2.4	
884257	576	42	<2	12	39	<2	<0.5	<0.2	46	<0.5	34.2	205	1.8	1.6	101	<1	3.6	12	1.9	4.7	
884258	614	50	<2	17	63	<2	<0.5	<0.2	75	<0.5	46.1	195	1.4	2.2	107	<1	3.6	11	3.1	6.2	2.68
884259	519	252	11	121	9	<2	1.0	<0.2	18	<0.5	298	599	0.7	3.0	11.3	<1	4.4	10	6.1	2.3	
884260	321	23	2	57	17	12	<0.5	<0.2	42	<0.5	20.9	59	0.4	1.9	12.7	1	2.1	9	2.1	2.4	
884261	217	288	9	137	7	<2	1.1	<0.2	13	<0.5	127	643	0.5	3.3	2.2	<1	1.5	16	6.9	2.7	
884262	183	353	12	160	8	<2	1.4	<0.2	8	<0.5	98.6	418	0.6	3.9	6.9	<1	1.5	17	7.8	3.1	
884263	463	36	<2	25	63	<2	<0.5	<0.2	79	<0.5	39.3	56	2.0	3.0	147	1	2.8	9	2.2	6.6	
884264	289	375	11	122	6	<2	1.0	<0.2	9	<0.5	202	505	<0.4	2.9	2.8	<1	2.3	12	6.2	2.2	
884265	450	223	12	117	9	<2	0.9	<0.2	31	<0.5	228	680	<0.4	2.9	4.8	<1	3.5	13	6.3	2.9	
884266	428	228	12	124	8	<2	1.0	<0.2	26	<0.5	226	713	<0.4	3.2	3.3	<1	3.3	13	6.6	2.7	
884267	582	32	<2	11	35	<2	<0.5	<0.2	58	<0.5	42.0	46	5.2	1.0	47.3	<1	3.7	13	1.4	5.9	
884268	1040	39	<2	9	16	<2	<0.5	<0.2	38	<0.5	63.8	59	3.3	0.6	10.5	<1	7.7	21	1.2	5.5	2.69
884269	604	28	<2	17	54	<2	<0.5	<0.2	72	<0.5	33.4	63	5.2	2.1	95.7	<1	4.1	13	2.2	5.8	
884270	4	5	<2	58	<1	<2	0.5	<0.2	<1	<0.5	<0.5	32	<0.4	1.5	0.4	<1	0.1	<5	0.8	0.3	
884271	273	226	11	114	6	<2	0.8	<0.2	10	<0.5	132	779	<0.4	2.8	0.6	1	2.4	11	6.6	2.4	
884272	351	402	10	121	6	<2	0.8	<0.2	20	<0.5	124	477	<0.4	2.7	0.9	<1	2.8	12	6.1	1.8	
884273	495	30	<2	18	52	<2	<0.5	<0.2	114	<0.5	44.8	102	3.1	2.1	82.6	<1	2.9	12	2.0	8.1	
884274	698	34	<2	12	43	<2	<0.5	<0.2	83	<0.5	50.4	85	7.8	1.4	52.9	<1	4.6	18	1.6	6.2	
884275	797	36	<2	4	11	<2	<0.5	<0.2	32	<0.5	34.8	56	6.0	0.2	3.8	<1	5.4	14	0.5	3.4	
884276	1370	40	<2	8	22	<2	<0.5	<0.2	61	<0.5	60.2	75	6.4	0.4	11.3	<1	9.8	23	1.0	6.5	
884277	853	40	<2	7	43	<2	<0.5	<0.2	55	<0.5	50.9	114	2.6	0.8	44.5	<1	5.9	17	1.5	4.6	
884278	903	42	<2	9	52	<2	<0.5	<0.2	55	<0.5	50.9	189	1.8	1.1	60.7	<1	5.9	16	2.2	4.3	
884279	800	43	<2	8	15	2	<0.5	<0.2	32	<0.5	44.0	82	1.1	0.6	12.2	3	5.6	14	1.0	3.9	
884280	628	42	<2	17	39	22	<0.5	<0.2	88	<0.5	41.6	102	<0.4	1.8	29.2	1	3.9	15	1.8	4.6	
884281	746	30	<2	12	30	<2	<0.5	<0.2	59	<0.5	38.2	59	3.2	0.9	16.9	<1	4.5	12	1.0	5.7	
884282	518	40	<2	18	36	<2	<0.5	<0.2	76	<0.5	39.8	99	0.6	2.2	44.1	<1	3.1	13	1.7	8.3	2.85
884283	825	27	<2	12	31	<2	<0.5	<0.2	50	<0.5	38.6	95	5.3	0.9	19.9	2	5.0	23	1.4	10.2	
884284	591	89	<2	12	45	<2	<0.5	<0.2	51	<0.5	35.1	368	2.6	1.3	47.1	<1	3.6	24	1.3	8.0	
884285	226	102	2	15	35	<2	<0.5	<0.2	27	<0.5	11.2	118	0.5	1.4	35.6	<1	1.2	13	1.6	7.4	
884286	224	118	2	11	36	<2	<0.5	<0.2	27	<0.5	10.5	142	<0.4	1.2	32.7	<1	1.1	13	1.7	8.5	
884287	52	275	20	143	11	<2	1.1	<0.2	2	<0.5	15.7	201	0.8	3.6	1.0	<1	0.9	<5	1.7	0.4	
884288	25	271	17	138	10	<2	1.0	<0.2	2	<0.5	16.8	173	<0.4	3.3	0.7	<1	0.9	<5	1.6	0.4	
884289	129	169	<2	10	22	<2	<0.5	<0.2	11	<0.5	3.6	316	0.4	0.8	30.9	<1	0.6	7	1.2	3.8	
884290	<2	4	<2	55	<1	<2	<0.5	<0.2	<1	<0.5	<0.5	23	<0.4	1.2	0.1	<1	<0.1	<5	0.5	0.2	
884291	42	335	20	151	13	<2	1.1	<0.2	3	<0.5	7.8	216	<0.4	3.8	2.6	<1	0.3	<5	1.8	0.7	

Activation Laboratories Ltd. Report: A11-12451

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.60	1.91	0.76	0.014	0.36	44.11	0.88	0.54	0.117	30.22					1683										
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740										
DNC-1 Meas		46.80	18.60	9.81	0.146	9.94	11.20	1.92	0.22	0.486	0.07			31	154	300	60	260	100	70						
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas		71.57	12.99	3.22	0.138	0.14	0.57	2.52	5.41	0.278	0.04			5	4	< 5										
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00										
LKSD-3 Meas																	80	32	50	30	80			27		
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0		
TDB-1 Meas																	250		80	320	160					
TDB-1 Cert																	251		92	323	155					
W-2a Meas		52.24	15.46	10.78	0.167	6.38	10.81	2.22	0.61	1.061	0.12			35	< 1	274	90	44	70	100	80	17	2	< 5		
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20		
SY-4 Meas		49.32	20.33	6.28	0.108	0.50	7.97	6.85	1.61	0.282	0.12			1	3	7										
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0										
CTA-AC-1 Meas																			< 1		60	< 30				
CTA-AC-1 Cert																			2.72		54.0	38.0				
BIR-1a Meas		47.88	15.65	11.29	0.173	9.73	13.26	1.84	0.02	0.959	0.02			44	< 1	336	350	49	150	110	70	13		< 5		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44		
NCS DC86312 Meas																										
NCS DC86312 Cert																										
ZW-C Meas	1.14																				1100	99				
ZW-C Cert	1.13																				1050	99				
NCS DC70014 Meas																			26	70	2620	7400	25			
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	930	90	16	11	70		
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9		
OREAS 100a (Fusion) Meas																			18		160					
OREAS 100a (Fusion) Cert																			18.1		169					
OREAS 101a (Fusion) Meas																			49		420					
OREAS 101a (Fusion) Cert																			48.8		434					
OREAS 101b (Fusion) Meas																			47	< 20	410					
OREAS 101b (Fusion) Cert																			47	9	416					
JR-1 Meas																	< 20	< 1	< 20	< 10	30	17	3	18		
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3		
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas	0.22																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.06																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.84																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.84																									
NCS DC86314 Cert	1.81																									
BCR-2 Meas		53.97	13.51	13.11		3.55	6.82	3.17	1.85	2.294	0.36			32		429										
BCR-2 Cert		54.1	13.5	13.8		3.59	7.12	3.16	1.79	2.26	0.35			33		416										
884258 Orig	0.16																									
884258 Dup	0.16																									
884268 Orig	0.38																									

Activation Laboratories Ltd. Report: A11-12451

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
884268 Dup	0.37																									
884278 Orig	0.35																									
884278 Dup	0.36																									
884288 Orig	0.02																									
884288 Dup	0.02																									
884291 Orig		47.81	11.49	14.58	0.203	8.92	8.29	2.59	0.88	2.414	0.25	1.25	98.67	24	5	360	440	71	350	140	130	23	2	< 5		
884291 Dup		48.29	11.61	14.75	0.206	9.03	8.35	2.65	0.89	2.456	0.26	1.25	99.74	24	6	367	420	68	340	140	130	23	2	< 5		
Method Blank Method Blank																										
Method Blank Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank Method Blank	< 0.01																									
Method Blank Method Blank	< 0.01																									
Method Blank Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-12451

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		144	15	35						1.2		105									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	43	390								501									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	70					< 2	2.1		2	1.2	2.2				0.6	1			10.0	4.4	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
TDB-1 Meas	22																			2.8	
TDB-1 Cert	23																			2.7	
W-2a Meas	19	197	18	87	7	< 2	< 0.5			1.1	0.9	174	< 0.4	2.4	0.5	< 1		9	2.5	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530	
SY-4 Meas		1195	113	537								341									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.5	2.6				22.5	4.1	
CTA-AC-1 Cert														1.13	2.65				21.8	4.4	
BIR-1a Meas		108	14	16	< 1					0.6		8		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																				24.7	
NCS DC86312 Cert																				23.6	
ZW-C Meas	8290														85.8						
ZW-C Cert	8500														82						
NCS DC70014 Meas						270	16.6			180			80.3						27200		
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	506						3.6	1.3	1700		42.3					2200				28.2	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		41					2200.00				28.3	
OREAS 100a (Fusion) Meas						22														50.2	139
OREAS 100a (Fusion) Cert						24.1														51.6	135
OREAS 101a (Fusion) Meas						19														34.1	421
OREAS 101a (Fusion) Cert						21.9														36.6	422
OREAS 101b (Fusion) Meas						20														38.4	408
OREAS 101b (Fusion) Cert						20.9														37.1	396
JR-1 Meas	249				14	3	0.6	< 0.2	4		21.0		0.5	4.3	1.9	2	1.6	23	26.4	9.2	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86		20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
BCR-2 Meas		341	30	173								698									
BCR-2 Cert		346	37	188								683									
884258 Orig																					
884258 Dup																					
884268 Orig																					

Activation Laboratories Ltd. Report: A11-12451

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

884268 Dup																					2.69	
884278 Orig																						
884278 Dup																						
884288 Orig																						
884288 Dup																						
884291 Orig	43	331	20	150	14	< 2	1.2	< 0.2	4	< 0.5	7.9	215	< 0.4	3.9	2.7	< 1	0.3	< 5	1.8	0.7		
884291 Dup	42	338	20	151	13	< 2	1.1	< 0.2	3	< 0.5	7.6	218	< 0.4	3.8	2.5	< 1	0.3	< 5	1.8	0.7		
Method Blank Method Blank																					< 0.01	
Method Blank Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank Method Blank																						
Method Blank Method Blank																						
Method Blank Method Blank																						
Method Blank Method Blank																						



Date Submitted: 24-Oct-11
Invoice No.: A11-12454
Invoice Date: 24-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 26 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-12454

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-12454

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884501	0.70	73.96	16.15	0.72	0.031	0.05	0.31	4.36	1.59	0.004	0.28	0.59	98.06	< 1	180	< 5	< 20	< 1	< 20	30	< 30	40	6	< 5
884502	0.86	73.95	16.09	0.80	0.051	0.06	0.27	3.36	2.21	0.006	0.25	0.62	97.66	< 1	185	< 5	< 20	< 1	< 20	< 10	40	37	5	< 5
884503	0.87	74.12	16.22	0.73	0.048	0.05	0.25	3.45	2.28	0.003	0.22	0.58	97.94	< 1	135	7	< 20	< 1	< 20	< 10	90	39	5	< 5
884504	0.15	72.47	16.18	0.48	0.019	0.04	0.28	5.65	3.10	0.004	0.28	0.60	99.12	< 1	196	5	< 20	< 1	< 20	30	< 30	30	5	< 5
884505	0.01	72.12	17.19	1.03	0.016	0.29	0.54	6.99	1.52	0.065	0.31	0.89	101.0	2	98	16	< 20	2	< 20	< 10	< 30	37	4	< 5
884506	0.03	70.68	12.83	3.16	0.048	1.41	2.49	1.00	3.27	0.254	1.24	1.96	98.35	7	71	59	60	9	30	< 10	< 30	25	3	< 5
884507	0.05	63.57	16.71	5.83	0.051	2.96	1.51	3.01	2.90	0.557	0.16	2.54	99.80	13	4	97	130	18	50	< 10	< 30	20	2	< 5
884508	< 0.01	74.56	15.85	0.41	0.018	0.02	0.39	7.04	1.16	0.005	0.31	0.65	100.4	< 1	128	< 5	< 20	< 1	< 20	20	< 30	33	5	< 5
884509	< 0.01	76.79	13.60	0.46	0.011	0.02	0.35	6.51	0.94	0.003	0.25	0.44	99.38	< 1	131	5	< 20	< 1	< 20	40	< 30	28	5	< 5
884510	< 0.01	99.38	0.37	0.99	0.011	0.02	0.04	0.04	0.05	0.037	< 0.01	-0.01	100.9	< 1	< 1	5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884511	< 0.01	72.24	15.90	0.51	0.011	0.02	0.40	7.40	1.58	0.006	0.28	0.40	98.76	< 1	120	5	< 20	< 1	< 20	< 10	< 30	35	5	< 5
884512	< 0.01	73.49	15.53	0.39	0.012	0.02	0.34	7.03	1.31	0.003	0.26	0.43	98.83	< 1	179	< 5	< 20	< 1	< 20	< 10	< 30	29	5	< 5
884513	< 0.01	74.27	15.36	0.43	0.015	0.03	0.31	6.36	2.19	0.003	0.26	0.47	99.70	< 1	163	5	< 20	< 1	< 20	< 10	< 30	31	5	< 5
884514	0.16	73.53	16.15	0.52	0.023	0.05	0.34	5.51	3.05	0.003	0.31	0.62	100.1	< 1	168	6	< 20	< 1	< 20	< 10	< 30	36	6	< 5
884515	0.04	72.56	15.91	0.89	0.027	0.23	0.58	4.93	2.61	0.048	0.41	1.00	99.19	1	113	13	< 20	2	< 20	20	< 30	35	5	< 5
884516	0.02	73.83	15.85	0.52	0.021	0.07	0.38	5.40	2.25	0.006	0.25	0.79	99.35	< 1	123	6	< 20	< 1	< 20	20	< 30	35	4	< 5
884517	0.32	72.79	16.23	0.60	0.027	0.05	0.29	4.58	3.26	0.003	0.24	0.48	98.55	< 1	158	< 5	< 20	< 1	< 20	10	< 30	35	5	< 5
884518	0.01	72.35	15.76	0.40	0.010	0.02	0.33	5.95	3.26	0.003	0.29	0.33	98.69	< 1	148	< 5	< 20	< 1	< 20	< 10	< 30	32	5	< 5
884519	0.03	68.76	16.12	2.36	0.052	0.92	1.37	2.14	3.56	0.216	0.74	1.84	98.09	5	86	41	60	7	< 20	< 10	< 30	40	3	< 5
884520	0.73	72.74	15.07	3.32	0.096	0.06	0.28	3.35	2.45	0.003	0.16	-0.14	97.37	< 1	154	< 5	40	2	20	60	100	40	5	< 5
884521	0.02	73.67	16.66	0.40	0.016	0.02	0.23	7.14	1.31	0.004	0.19	0.47	100.1	< 1	178	5	< 20	< 1	20	< 10	< 30	38	5	< 5
884522	< 0.01	72.61	16.02	0.53	0.022	0.05	0.50	5.19	2.10	0.011	0.37	0.94	98.34	< 1	172	6	< 20	1	< 20	< 10	< 30	40	4	< 5
884523	< 0.01	74.21	15.72	0.48	0.020	0.04	0.45	5.68	1.80	0.004	0.34	0.79	99.53	< 1	197	< 5	< 20	1	< 20	30	< 30	37	5	< 5
884524	0.02	74.02	15.43	0.48	0.025	0.02	0.34	6.78	1.14	0.004	0.28	0.42	98.94	< 1	298	< 5	< 20	1	< 20	20	< 30	33	5	< 5
884525	< 0.01	73.17	15.92	0.69	0.021	0.08	0.60	4.72	2.31	0.004	0.44	1.03	98.97	< 1	180	< 5	< 20	< 1	< 20	10	< 30	38	5	< 5
884526	< 0.01	72.00	16.44	1.39	0.022	0.17	0.69	4.70	2.40	0.006	0.47	1.34	99.64	< 1	178	< 5	< 20	2	< 20	< 10	< 30	39	4	< 5
884527	< 0.01	72.92	16.18	0.41	0.011	0.02	0.21	6.95	1.70	0.003	0.19	0.41	99.00	< 1	176	< 5	< 20	< 1	< 20	20	< 30	35	5	< 5
884528	0.07	66.86	15.34	5.12	0.074	2.28	1.69	3.35	2.89	0.505	0.28	1.20	99.58	12	10	91	120	16	40	30	70	19	2	< 5

Activation Laboratories Ltd. Report: A11-12454

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884501	772	40	< 2	25	84	< 2	< 0.5	< 0.2	63	< 0.5	43.8	87	0.7	3.5	62.5	< 1	5.5	12	1.5	5.5	
884502	1020	41	< 2	26	95	< 2	< 0.5	< 0.2	70	< 0.5	58.8	49	1.0	2.5	54.9	< 1	7.2	11	1.5	4.9	
884503	1200	37	< 2	25	82	< 2	< 0.5	< 0.2	58	< 0.5	70.3	38	2.3	2.9	77.0	< 1	9.1	14	1.0	5.7	
884504	1340	39	< 2	16	84	3	< 0.5	< 0.2	35	< 0.5	73.1	38	0.4	2.3	82.9	< 1	11.3	11	0.8	2.2	2.65
884505	493	57	3	32	86	< 2	< 0.5	< 0.2	40	< 0.5	34.0	124	< 0.4	3.0	85.4	< 1	3.1	< 5	1.8	2.0	
884506	505	173	7	67	29	< 2	< 0.5	< 0.2	56	< 0.5	73.1	548	< 0.4	2.2	25.8	4	3.4	6	4.7	2.5	
884507	340	349	11	154	7	2	0.8	< 0.2	11	< 0.5	59.7	703	< 0.4	3.9	0.6	2	2.3	9	10.1	2.7	
884508	525	59	3	27	87	< 2	< 0.5	< 0.2	49	< 0.5	26.6	12	1.6	3.0	93.2	< 1	3.1	8	1.2	7.2	
884509	418	44	3	22	72	< 2	< 0.5	< 0.2	35	< 0.5	18.1	17	0.6	2.6	85.8	< 1	2.8	9	1.1	5.0	2.65
884510	< 2	4	< 2	60	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	25	< 0.4	1.4	< 0.1	< 1	< 0.1	< 5	0.8	0.3	
884511	675	32	< 2	16	73	< 2	< 0.5	< 0.2	42	< 0.5	27.4	17	< 0.4	2.2	78.8	< 1	5.3	7	1.0	2.9	
884512	518	47	< 2	16	97	< 2	< 0.5	< 0.2	34	< 0.5	22.8	17	< 0.4	2.0	127	< 1	3.5	5	1.1	1.6	
884513	859	51	< 2	21	80	< 2	< 0.5	< 0.2	38	< 0.5	34.5	31	< 0.4	2.5	102	< 1	6.4	7	1.0	1.9	
884514	1440	43	< 2	36	100	< 2	< 0.5	< 0.2	46	< 0.5	63.2	63	< 0.4	4.4	83.4	1	11.7	12	1.5	5.0	2.68
884515	995	79	< 2	30	75	< 2	< 0.5	< 0.2	66	< 0.5	78.6	162	< 0.4	2.4	69.6	< 1	6.5	9	1.7	3.2	
884516	744	67	< 2	18	81	< 2	< 0.5	< 0.2	56	< 0.5	45.7	97	< 0.4	2.3	94.1	< 1	4.3	8	1.0	3.2	
884517	1220	50	< 2	20	104	< 2	< 0.5	< 0.2	49	< 0.5	59.8	74	0.8	2.3	68.6	< 1	9.2	10	1.0	3.7	2.69
884518	1340	38	< 2	16	109	< 2	< 0.5	< 0.2	37	< 0.5	59.3	21	< 0.4	2.1	111	< 1	11.4	10	0.9	2.0	
884519	882	134	5	70	71	< 2	< 0.5	< 0.2	117	< 0.5	66.5	427	< 0.4	3.2	86.5	2	5.3	7	4.0	4.8	
884520	659	43	< 2	17	43	21	< 0.5	< 0.2	89	< 0.5	42.2	104	0.9	1.8	28.5	2	4.3	20	1.9	4.6	
884521	402	53	< 2	18	101	< 2	< 0.5	< 0.2	50	< 0.5	15.2	20	1.1	2.1	80.7	< 1	2.3	7	1.3	3.3	2.69
884522	595	56	< 2	19	109	< 2	< 0.5	< 0.2	78	< 0.5	23.3	61	2.0	2.0	75.0	1	3.6	7	1.7	3.0	
884523	479	60	< 2	16	89	< 2	< 0.5	< 0.2	58	< 0.5	19.8	52	3.4	1.7	58.3	< 1	2.8	9	1.1	2.8	
884524	306	55	< 2	18	133	< 2	< 0.5	< 0.2	46	< 0.5	18.0	25	2.4	1.9	65.0	< 1	1.6	9	1.6	4.1	
884525	510	69	< 2	16	93	< 2	< 0.5	< 0.2	71	< 0.5	24.4	95	3.5	1.9	70.5	1	3.1	11	1.3	4.8	
884526	516	71	< 2	14	74	< 2	< 0.5	< 0.2	73	< 0.5	24.9	115	2.5	1.4	60.9	< 1	2.8	8	1.0	5.4	
884527	570	36	< 2	37	119	< 2	< 0.5	< 0.2	40	< 0.5	26.2	23	< 0.4	4.8	104	< 1	3.6	11	1.4	5.3	2.70
884528	489	318	10	153	8	< 2	0.8	< 0.2	23	< 0.5	173	753	< 0.4	3.7	2.6	1	4.2	21	8.0	2.2	

Activation Laboratories Ltd. Report: A11-12454

Quality Control

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

TAN-1 Meas																								
TAN-1 Cert																								
NIST 694 Meas	11.45	1.90	0.76	0.013	0.34	43.32	0.87	0.54	0.118	30.22						1669								
NIST 694 Cert	11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2						1740								
DNC-1 Meas	47.10	18.47	9.75	0.147	9.98	11.38	1.93	0.22	0.488	0.07				31		157	280	59	250	100	70			
DNC-1 Cert	47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070				31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas	72.74	12.95	3.26	0.140	0.14	0.59	2.52	5.41	0.285	0.05				5	4	7								
GBW 07113 Cert	72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500				5.00	4.00	5.00								
LKSD-3 Meas																	70	30	50	30				27
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0
W-2a Meas	52.57	15.16	10.82	0.167	6.25	11.02	2.24	0.62	1.087	0.12				36	< 1	282	90	45	70	120	90	18		
W-2a Cert	52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130				36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		
SY-4 Meas	49.82	20.20	6.14	0.107	0.51	8.09	6.98	1.66	0.283	0.13				< 1	3	9								
SY-4 Cert	49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131				1.1	2.6	8.0								
CTA-AC-1 Meas																						< 30		
CTA-AC-1 Cert																						38.0		
BIR-1a Meas	47.15	15.45	10.93	0.169	9.46	13.22	1.81	0.02	0.943	0.02				43	< 1	333	370	53	170	130			16	
BIR-1a Cert	47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021				44	0.58	310	370	52	170	125			16	
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.14																					1040	97	
ZW-C Cert	1.13																					1050	99	
NCS DC70014 Meas																		24	70	2590	7400	24		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	3	< 20	970	90	16	11	70
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17			170			
OREAS 100a (Fusion) Cert																		18.1			169			
OREAS 101a (Fusion) Meas																		48			460			
OREAS 101a (Fusion) Cert																		48.8			434			
JR-1 Meas																		< 20	< 1	< 20	< 10	30	16	18
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	16.3
SARM 3 Meas																								
SARM 3 Cert																								
USZ 44-2007 Meas																								
USZ 44-2007 Cert																								
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.04																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.82																							
NCS DC86314 Cert	1.81																							
884510 Orig	< 0.01																							
884510 Dup	< 0.01																							
884515 Orig		72.50	16.03	0.89	0.027	0.23	0.58	4.92	2.60	0.048	0.41	1.00	99.24	1	114	14	< 20	2	< 20	20	< 30	35	4	< 5
884515 Dup		72.62	15.79	0.89	0.027	0.23	0.58	4.94	2.62	0.048	0.40	1.00	99.14	1	112	13	< 20	2	< 20	20	< 30	35	5	< 5
884520 Orig	0.72																							
884520 Dup	0.74																							
884527 Orig																								
884527 Dup																								
884528 Orig	0.07	66.86	15.34	5.12	0.074	2.28	1.69	3.35	2.89	0.505	0.28	1.20	99.58	12	10	91	120	16	40	30	70	19	2	< 5
884528 Split	0.07	66.83	15.35	5.20	0.074	2.29	1.70	3.27	2.84	0.510	0.27	1.17	99.52	12	10	89	130	17	60	30	80	20	3	< 5

Activation Laboratories Ltd. Report: A11-12454

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	

Method Blank Method
Blank

Method Blank Method
Blank < 0.01

Method Blank Method
Blank < 0.01

Method Blank Method
Blank < 20 < 1 < 20 < 10 < 30 < 1 < 1 < 5

Activation Laboratories Ltd. Report: A11-12454

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
TAN-1 Meas																					2320	
TAN-1 Cert																						2360
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		145	14	34						0.9		105										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		42	41	397								501										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	73					< 2	2.0		3	1.2	2.3				0.7	< 1			10.3	4.5		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60		
W-2a Meas	20	199	17	87	7	< 2	< 0.5			0.8	0.9	173	< 0.4	2.4	0.5	< 1		9	2.3	0.6		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530		
SY-4 Meas		1193	106	533								344										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas														1.6	2.7				22.9	4.2		
CTA-AC-1 Cert														1.13	2.65				21.8	4.4		
BIR-1a Meas		109	12	13	< 1					0.6		7		0.6				< 5				
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3				
NCS DC86312 Meas																				25.7		
NCS DC86312 Cert																				23.6		
ZW-C Meas	8410				206						273		14.4	9.6	83.8		32.6	80				
ZW-C Cert	8500				198						260		15.0	9.7	82		34	80				
NCS DC70014 Meas						270	16.7				180		80.3					27200				
NCS DC70014 Cert						270	16.7				180.000		80.3					27200.00				
NCS DC70009 (GBW07241) Meas	500						2.6	1.3	1700	3.5	42.9					2200			29.0			
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3			
OREAS 100a (Fusion) Meas						23													50.9	141		
OREAS 100a (Fusion) Cert						24.1													51.6	135		
OREAS 101a (Fusion) Meas						20													35.0	420		
OREAS 101a (Fusion) Cert						21.9													36.6	422		
JR-1 Meas	247				13	3	< 0.5	< 0.2	4	1.7	20.9			4.3	1.9		1.6		26.5	9.3		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56		26.7	8.88		
SARM 3 Meas					979																	
SARM 3 Cert					978																	
USZ 44-2007 Meas									128													
USZ 44-2007 Cert									126													
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884510 Orig																						
884510 Dup																						
884515 Orig	993	79	2	30	75	< 2	< 0.5	< 0.2	66	< 0.5	77.8	162	< 0.4	2.5	68.9	< 1	6.1	9	1.7	3.2		
884515 Dup	996	78	< 2	30	76	< 2	< 0.5	< 0.2	66	< 0.5	79.4	162	< 0.4	2.3	70.2	1	6.8	10	1.7	3.3		
884520 Orig																						
884520 Dup																						
884527 Orig																						2.70
884527 Dup																						2.70
884528 Orig	489	318	10	153	8	< 2	0.8	< 0.2	23	< 0.5	173	753	< 0.4	3.7	2.6	1	4.2	21	8.0	2.2		
884528 Split	502	319	11	146	9	< 2	0.7	< 0.2	23	< 0.5	170	747	< 0.4	3.5	2.7	< 1	4.1	20	8.1	2.1		

Activation Laboratories Ltd. Report: A11-12454

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

Method Blank Method																						< 0.01
Blank																						
Method Blank Method																						
Blank																						
Method Blank Method																						
Blank																						
Method Blank Method	< 2																					
Blank					< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		



Date Submitted: 25-Oct-11
Invoice No.: A11-12455
Invoice Date: 28-Nov-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 16 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-12455**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-12455

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884292	0.04	71.94	14.69	1.52	0.043	0.65	0.90	6.57	2.31	0.114	0.29	1.21	100.2	3	158	24	50	5	< 20	< 10	< 30	30	4	< 5
884293	0.47	73.84	15.39	0.76	0.110	0.09	0.35	4.90	3.53	0.004	0.19	0.81	99.97	< 1	138	6	< 20	< 1	< 20	< 10	70	38	4	< 5
884294	0.26	71.50	15.18	0.69	0.056	0.25	0.48	3.96	4.78	0.002	0.19	1.14	98.24	< 1	140	< 5	< 20	< 1	< 20	< 10	< 30	34	4	< 5
884295	0.03	70.58	14.72	0.71	0.060	0.22	0.90	4.40	4.95	0.002	0.19	1.27	97.99	< 1	132	< 5	< 20	< 1	< 20	10	< 30	28	4	< 5
884296	0.01	68.53	16.90	1.97	2.253	0.04	0.57	6.00	1.45	0.006	0.21	1.00	98.93	< 1	193	< 5	< 20	7	< 20	220	40	45	7	< 5
884297	0.09	64.51	15.21	6.19	0.096	3.28	2.30	3.22	2.48	0.553	0.14	1.52	99.50	14	5	112	220	24	70	50	130	19	2	< 5
884298	0.09	67.98	14.81	4.44	0.112	2.31	1.51	3.85	2.31	0.388	0.20	1.43	99.34	10	56	79	150	15	50	20	60	26	3	< 5
884299	0.83	74.00	16.17	0.83	0.097	0.08	0.27	3.56	1.95	0.002	0.23	0.82	98.01	< 1	170	< 5	< 20	< 1	< 20	< 10	50	42	5	< 5
884300	0.37	85.33	8.00	1.66	0.048	0.05	0.16	1.70	1.26	0.034	0.08	0.14	98.46	< 1	76	5	30	1	< 20	20	50	20	2	< 5
884301	0.41	74.52	15.36	0.68	0.064	0.10	0.31	3.84	3.60	0.001	0.24	0.76	99.47	< 1	117	< 5	< 20	< 1	< 20	< 10	< 30	36	4	< 5
884302	0.02	73.52	16.24	0.66	0.026	0.08	0.43	5.08	3.85	0.006	0.18	0.88	100.9	< 1	159	< 5	< 20	< 1	< 20	< 10	< 30	31	4	< 5
884303	0.14	61.24	15.79	6.74	0.097	3.51	2.44	3.08	2.86	0.637	0.23	1.76	98.40	17	13	126	250	27	80	60	90	22	2	< 5
884304	0.16	63.15	15.85	5.51	0.090	2.81	2.21	3.40	2.86	0.511	0.33	1.27	97.99	14	40	101	210	23	80	40	90	23	3	< 5
884305	0.59	79.45	13.60	0.78	0.059	0.13	0.25	2.80	1.38	0.004	0.07	0.90	99.43	< 1	213	< 5	< 20	< 1	< 20	< 10	80	38	4	< 5
884306	0.53	77.18	14.19	0.77	0.057	0.13	0.27	3.29	1.37	0.006	0.08	0.98	98.32	< 1	199	< 5	< 20	< 1	< 20	< 10	< 30	36	4	< 5
884307	0.23	69.96	19.50	0.71	0.047	0.11	0.61	6.07	2.21	0.012	0.15	1.50	100.9	< 1	159	7	< 20	< 1	< 20	< 10	30	52	4	< 5
884308	0.26	55.78	18.21	7.59	0.115	4.08	2.46	2.66	4.96	0.683	1.03	2.21	99.79	19	28	132	240	30	100	< 10	150	34	3	< 5

Activation Laboratories Ltd. Report: A11-12455

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884292	584	91	4	46	61	< 2	< 0.5	< 0.2	80	< 0.5	110	157	1.6	3.6	120	4	4.0	8	4.1	6.5	
884293	651	48	< 2	10	26	< 2	< 0.5	< 0.2	63	< 0.5	47.3	90	3.3	0.7	15.5	< 1	4.3	14	1.3	4.3	2.67
884294	871	60	< 2	14	54	< 2	< 0.5	< 0.2	79	< 0.5	69.2	386	2.4	1.5	39.9	1	5.8	14	2.8	6.0	
884295	976	51	< 2	7	14	< 2	< 0.5	< 0.2	41	< 0.5	58.2	212	2.0	0.6	11.4	3	6.4	14	0.9	3.4	
884296	635	33	< 2	26	78	< 2	< 0.5	< 0.2	159	< 0.5	50.7	24	12.0	4.6	183	1	3.6	28	5.3	9.9	
884297	183	385	11	130	7	< 2	0.9	< 0.2	11	< 0.5	75.1	548	< 0.4	2.9	3.2	3	1.5	17	6.3	2.1	
884298	466	209	7	86	22	6	0.6	< 0.2	41	< 0.5	167	435	4.0	2.7	29.0	3	3.5	13	4.8	4.0	
884299	535	30	< 2	12	36	< 2	< 0.5	< 0.2	72	< 0.5	46.6	46	6.3	1.4	24.5	2	3.4	15	1.4	5.5	2.79
884300	311	24	3	64	22	11	< 0.5	< 0.2	44	< 0.5	20.8	59	0.5	2.0	16.9	2	2.1	9	1.9	2.4	
884301	877	36	< 2	6	34	< 2	< 0.5	< 0.2	52	< 0.5	46.5	34	15.0	0.6	17.2	< 1	5.5	31	1.7	4.9	
884302	828	50	< 2	10	12	< 2	< 0.5	< 0.2	43	< 0.5	45.0	40	1.1	0.6	4.4	2	5.1	36	0.7	2.5	
884303	349	332	12	143	8	2	1.3	< 0.2	19	1.3	283	636	2.3	3.3	8.5	1	3.0	22	7.4	2.4	
884304	908	297	10	114	14	< 2	0.8	< 0.2	73	< 0.5	459	511	2.3	3.0	17.3	4	8.5	15	6.0	2.5	
884305	421	31	< 2	14	47	< 2	< 0.5	< 0.2	84	< 0.5	48.8	38	2.7	1.4	72.0	3	2.2	9	1.8	5.0	
884306	405	36	< 2	11	39	< 2	< 0.5	< 0.2	81	< 0.5	47.3	34	3.8	1.1	58.4	4	2.2	8	1.5	4.2	
884307	591	65	< 2	27	68	3	< 0.5	< 0.2	113	< 0.5	59.7	62	6.3	3.5	141	4	3.3	12	2.8	7.7	2.74
884308	1720	272	13	141	22	3	0.9	< 0.2	185	< 0.5	856	834	0.6	3.3	23.9	5	14.0	15	8.0	2.5	

Activation Laboratories Ltd. Report: A11-12455

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.60	1.91	0.76	0.014	0.36	44.11	0.88	0.54	0.117	30.22					1683									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		46.80	18.60	9.81	0.146	9.94	11.20	1.92	0.22	0.486	0.07			31	154	300	60	260	100	70					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		71.57	12.99	3.22	0.138	0.14	0.57	2.52	5.41	0.278	0.04			5	4	< 5									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	80	32	50	30	80			27	
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0	
TDB-1 Meas																	250		80	320	160				
TDB-1 Cert																	251		92	323	155				
W-2a Meas		52.24	15.46	10.78	0.167	6.38	10.81	2.22	0.61	1.061	0.12			35	< 1	274	90	44	70	100	80	17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.32	20.33	6.28	0.108	0.50	7.97	6.85	1.61	0.282	0.12			1	3	7									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																			< 1		60			< 30	
CTA-AC-1 Cert																			2.72		54.0			38.0	
BIR-1a Meas		47.88	15.65	11.29	0.173	9.73	13.26	1.84	0.02	0.959	0.02			44	< 1	336	350	49	150	110	70	13		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.14																							1100	99
ZW-C Cert	1.13																							1050	99
NCS DC70014 Meas																			26	70	2620			7400	25
NCS DC70014 Cert																			26.2	70.9	2600.00			7400.00	25.2
NCS DC70009 (GBW07241) Meas																	30	3	< 20	930	90	16	11	70	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			18		160				
OREAS 100a (Fusion) Cert																			18.1		169				
OREAS 101a (Fusion) Meas																			49		420				
OREAS 101a (Fusion) Cert																			48.8		434				
OREAS 101b (Fusion) Meas																			47	< 20	410				
OREAS 101b (Fusion) Cert																			47	9	416				
JR-1 Meas																		< 20	< 1	< 20	< 10	30	17	3	18
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
BCR-2 Meas		53.97	13.51	13.11		3.55	6.82	3.17	1.85	2.294	0.36			32		429									
BCR-2 Cert		54.1	13.5	13.8		3.59	7.12	3.16	1.79	2.26	0.35			33		416									
884297 Orig	0.09																								
884297 Dup	0.10																								
884305 Orig		79.55	13.62	0.78	0.060	0.13	0.25	2.80	1.38	0.004	0.07	0.90	99.54	< 1	211	6	< 20	< 1	< 20	< 10	80	37	4	< 5	

Activation Laboratories Ltd. Report: A11-12455

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
884305 Dup		79.36	13.59	0.77	0.059	0.13	0.25	2.80	1.39	0.004	0.07	0.90	99.32	< 1	216	< 5	< 20	< 1	< 20	< 10	80	38	4	< 5	
884307 Orig	0.23																								
884307 Dup	0.24																								
884308 Orig	0.26	55.78	18.21	7.59	0.115	4.08	2.46	2.66	4.96	0.683	1.03	2.21	99.79	19	28	132	240	30	100	< 10	150	34	3	< 5	
884308 Split	0.26	54.81	18.01	7.48	0.112	4.01	2.38	2.61	4.90	0.676	1.01	2.24	98.23	19	27	129	240	30	90	< 10	150	34	4	< 5	
884308 Split		54.81	18.01	7.48	0.112	4.01	2.38	2.61	4.90	0.676	1.01	2.24	98.23	19	27	129	240	30	90	< 10	150	34	4	< 5	
Method Blank Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank Method Blank	< 0.01																								
Method Blank Method Blank	< 0.01																								
Method Blank Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-12455

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		144	15	35						1.2		105									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	43	390								501									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	70					< 2	2.1		2	1.2	2.2				0.6	1			10.0	4.4	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
TDB-1 Meas	22																			2.8	
TDB-1 Cert	23																			2.7	
W-2a Meas	19	197	18	87	7	< 2	< 0.5			1.1	0.9	174	< 0.4	2.4	0.5	< 1		9	2.5	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530	
SY-4 Meas		1195	113	537								341									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.5	2.6				22.5	4.1	
CTA-AC-1 Cert														1.13	2.65				21.8	4.4	
BIR-1a Meas		108	14	16	< 1					0.6		8		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																				24.7	
NCS DC86312 Cert																				23.6	
ZW-C Meas	8290														85.8						
ZW-C Cert	8500														82						
NCS DC70014 Meas						270	16.6			180			80.3						27200		
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	506						3.6	1.3	1700		42.3					2200				28.2	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		41					2200.00				28.3	
OREAS 100a (Fusion) Meas						22														50.2	139
OREAS 100a (Fusion) Cert						24.1														51.6	135
OREAS 101a (Fusion) Meas						19														34.1	421
OREAS 101a (Fusion) Cert						21.9														36.6	422
OREAS 101b (Fusion) Meas						20														38.4	408
OREAS 101b (Fusion) Cert						20.9														37.1	396
JR-1 Meas	249				14	3	0.6	< 0.2	4		21.0		0.5	4.3	1.9	2	1.6	23	26.4	9.2	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86		20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
BCR-2 Meas		341	30	173								698									
BCR-2 Cert		346	37	188								683									
884297 Orig																					
884297 Dup																					
884305 Orig	417	31	< 2	13	48	< 2	< 0.5	< 0.2	84	< 0.5	48.0	38	2.7	1.4	72.9	4	2.2	9	1.7	5.1	

Activation Laboratories Ltd. Report: A11-12455

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884305 Dup	424	31	< 2	16	47	< 2	< 0.5	< 0.2	84	< 0.5	49.6	38	2.7	1.5	71.1	2	2.3	9	1.8	5.0	
884307 Orig																					
884307 Dup																					
884308 Orig	1720	272	13	141	22	3	0.9	< 0.2	185	< 0.5	856	834	0.6	3.3	23.9	5	14.0	15	8.0	2.5	
884308 Split	1720	268	13	141	21	2	1.0	< 0.2	183	< 0.5	846	824	0.6	3.3	23.9	5	13.9	15	7.8	2.6	
884308 Split	1720	268	13	141	21	2	1.0	< 0.2	183	< 0.5	846	824	0.6	3.3	23.9	5	13.9	15	7.8	2.6	
Method Blank Method Blank																					< 0.01
Method Blank Method Blank	< 2					< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank Method Blank																					
Method Blank Method Blank																					
Method Blank Method Blank																					



Date Submitted: 07-Nov-11
Invoice No.: A11-13143
Invoice Date: 09-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

5 Pulp samples and 42 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13143**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13143

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit		0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884309	0.07	61.60	15.23	6.66	0.131	3.32	3.64	3.35	2.08	0.542	0.15	2.53	99.24	15	3	111	260	22	70	40	170	18	4	9
884310	< 0.01	97.90	0.30	0.96	0.011	0.02	0.03	0.03	0.05	0.033	< 0.01	0.20	99.56	< 1	< 1	7	< 20	< 1	< 20	< 10	< 30	< 1	2	< 5
884311	0.22	72.11	15.70	1.04	0.071	0.08	0.27	5.10	3.30	0.004	0.11	0.84	98.62	< 1	122	< 5	< 20	< 1	< 20	< 10	< 30	37	5	< 5
884312	0.07	63.49	14.32	5.86	0.119	3.06	3.89	3.56	1.90	0.526	0.15	2.04	98.91	15	12	111	230	22	60	30	70	18	3	< 5
884313	0.09	62.45	14.41	6.42	0.109	3.51	3.74	3.20	2.10	0.549	0.16	1.38	98.02	15	2	115	240	21	60	30	60	17	1	< 5
884314	0.16	72.23	15.15	0.77	0.077	0.05	0.36	5.17	3.27	0.004	0.15	0.80	98.03	< 1	127	< 5	< 20	< 1	< 20	< 10	60	29	4	< 5
884315	0.71	74.14	15.96	1.03	0.086	0.03	0.31	4.02	2.54	0.005	0.15	0.58	98.85	< 1	194	< 5	< 20	< 1	< 20	< 10	60	32	4	< 5
884316	0.12	64.23	14.79	6.47	0.107	3.54	4.31	2.60	2.02	0.550	0.15	1.22	99.98	15	4	117	240	21	60	40	70	18	3	< 5
884317	0.20	71.76	16.50	0.70	0.067	0.05	0.35	5.48	3.20	0.004	0.16	0.76	99.02	< 1	207	< 5	< 20	< 1	< 20	< 10	60	38	5	< 5
884318	0.10	62.75	14.89	6.72	0.104	3.62	4.00	3.04	2.11	0.566	0.14	1.24	99.18	15	3	121	260	22	60	40	80	19	3	< 5
884319	0.12	62.23	15.32	6.83	0.113	3.55	3.82	3.24	2.16	0.585	0.15	1.16	99.15	15	2	122	240	22	60	40	80	19	2	< 5
884320	0.77	72.81	15.41	3.22	0.094	0.06	0.27	3.41	2.48	0.004	0.14	0.26	98.14	< 1	155	< 5	30	1	< 20	40	80	39	6	< 5
884321	0.51	78.35	13.30	1.07	0.137	0.02	0.28	3.48	1.98	0.004	0.15	0.75	99.53	< 1	173	< 5	< 20	< 1	< 20	< 10	100	34	5	< 5
884322	0.68	75.44	14.99	0.99	0.068	0.02	0.20	3.41	2.50	0.003	0.15	0.75	98.51	< 1	145	< 5	< 20	< 1	< 20	< 10	< 30	34	5	< 5
884323	0.37	71.08	16.79	0.85	0.074	0.02	0.36	5.24	3.13	0.003	0.14	0.89	98.57	< 1	184	6	< 20	< 1	< 20	< 10	80	35	5	< 5
884324	0.14	62.77	14.71	6.32	0.129	3.56	4.02	2.68	1.99	0.540	0.15	1.48	98.33	14	3	115	250	22	60	30	70	19	3	< 5
884325	0.16	63.15	14.80	6.33	0.128	3.59	3.84	2.53	2.33	0.544	0.15	1.54	98.94	15	6	121	240	21	50	40	70	18	2	< 5
884326	0.14	64.45	15.08	6.45	0.112	3.63	4.19	2.62	2.23	0.549	0.15	1.36	100.8	15	4	117	220	22	60	50	80	18	2	< 5
884327	0.04	70.64	16.82	0.72	0.030	0.07	0.42	5.76	3.14	0.011	0.10	1.07	98.80	< 1	287	6	< 20	< 1	< 20	< 10	40	39	5	< 5
884328	0.09	67.44	18.62	0.87	0.049	0.17	0.63	6.89	3.00	0.027	0.21	1.08	98.97	< 1	115	9	< 20	1	< 20	< 10	40	40	5	< 5
884329	0.15	62.14	14.83	6.52	0.103	3.78	4.08	2.54	2.17	0.560	0.18	1.44	98.34	15	5	118	250	21	60	40	70	18	4	< 5
884330	< 0.01	99.57	0.27	0.70	0.008	0.02	0.03	0.03	0.05	0.030	0.01	0.12	100.8	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	2	< 5
884331	0.70	73.17	15.62	1.13	0.047	0.23	0.78	4.34	2.07	0.030	0.20	0.52	98.14	1	96	11	< 20	1	< 20	< 10	60	29	5	< 5
884332	0.16	62.25	15.08	6.53	0.130	3.85	3.72	2.48	2.39	0.558	0.22	1.74	98.95	15	12	117	270	22	50	40	90	19	3	< 5
884333	0.63	77.93	14.45	1.02	0.075	0.07	0.36	3.69	1.74	0.007	0.16	0.71	100.2	< 1	221	5	< 20	< 1	< 20	< 10	80	35	4	< 5
884334	0.88	74.38	15.94	1.09	0.073	0.03	0.27	3.54	1.92	0.004	0.14	0.66	98.04	< 1	309	< 5	< 20	< 1	30	20	90	37	4	< 5
884335	0.63	73.39	15.70	0.81	0.065	0.02	0.26	3.52	3.45	0.002	0.20	0.64	98.05	< 1	151	< 5	< 20	< 1	< 20	< 10	50	34	5	< 5
884336	0.95	74.87	16.05	1.04	0.086	0.02	0.26	3.06	2.57	0.002	0.20	0.61	98.78	< 1	191	< 5	< 20	< 1	< 20	< 10	50	40	5	< 5
884337	0.51	72.81	16.08	0.70	0.053	0.02	0.28	3.78	4.13	0.002	0.23	0.64	98.73	< 1	184	< 5	< 20	< 1	< 20	< 10	60	33	6	< 5
884338	0.13	62.89	15.20	6.76	0.120	3.65	3.47	2.91	2.37	0.550	0.20	1.52	99.63	15	20	118	270	22	60	40	120	20	3	< 5
884339	0.13	61.50	17.01	6.26	0.091	3.35	2.40	3.81	3.33	0.644	0.18	1.31	99.87	18	7	134	220	25	80	40	90	21	3	< 5
884340	0.35	85.73	7.97	1.65	0.048	0.05	0.16	1.69	1.29	0.034	0.07	0.34	99.02	< 1	77	< 5	20	< 1	< 20	20	40	20	3	< 5
884341	0.11	72.89	15.11	0.84	0.040	0.24	0.32	5.23	2.76	0.003	0.12	0.88	98.44	< 1	241	< 5	< 20	< 1	< 20	< 10	30	38	6	< 5
884342	0.08	64.12	16.26	4.64	0.109	2.31	3.17	3.87	2.45	0.484	0.21	1.30	98.91	12	23	106	200	19	50	60	70	22	5	< 5
884343	0.10	62.66	14.84	6.20	0.106	2.98	2.84	3.29	2.57	0.498	0.24	1.72	97.95	13	20	109	210	20	60	30	130	22	5	7
884344	0.79	74.33	16.14	1.22	0.081	0.04	0.27	4.20	1.46	0.004	0.13	0.68	98.55	< 1	230	< 5	< 20	< 1	< 20	< 10	50	44	5	< 5
884345	0.08	73.12	16.28	0.86	0.038	0.09	0.59	7.09	1.51	0.009	0.25	0.78	100.6	< 1	210	5	< 20	< 1	< 20	< 10	< 30	40	5	< 5
884346	0.23	71.91	16.10	0.84	0.047	0.06	0.50	6.38	2.00	0.005	0.20	0.66	98.70	< 1	242	< 5	< 20	< 1	< 20	< 10	< 30	39	6	< 5
884347	0.10	62.15	15.21	6.47	0.110	3.14	3.03	3.04	2.59	0.553	0.17	1.37	97.83	15	5	120	230	23	60	40	90	20	2	< 5
884348	0.08	61.58	15.96	6.93	0.157	3.70	2.12	3.63	2.41	0.668	0.18	2.30	99.63	19	8	143	230	26	80	< 10	50	26	4	< 5
884349	0.29	74.92	15.33	1.20	0.131	0.08	0.33	4.18	2.86	0.005	0.30	0.90	100.2	< 1	207	8	< 20	2	< 20	10	130	40	4	< 5
884350	< 0.01	99.71	0.27	0.65	0.007	< 0.01	0.02	0.02	0.04	0.033	< 0.01	0.17	100.9	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	2	< 5
884351	0.39	73.01	16.29	0.96	0.080	0.05	0.34	4.93	2.76	0.003	0.25	0.57	99.26	< 1	175	5	< 20	< 1	< 20	< 10	40	35	4	< 5
884352	0.11	63.52	15.55	6.44	0.102	3.28	2.38	3.25	3.05	0.521	0.22	1.26	99.57	14	14	109	220	22	70	40	100	25	4	< 5
884353	0.07	63.69	15.29	6.15	0.128	3.24	2.35	3.58	2.40	0.539	0.16	1.73	99.25	15	4	115	200	20	70	40	90	22	5	5
884354	0.13	73.25	15.00	0.93	0.044	0.12	0.53	5.34	2.53	0.009	0.20	0.75	98.71	< 1	192	6	< 20	2	< 20	< 10	40	37	7	< 5
884355	0.08	63.01	15.25	6.97	0.108	3.39	2.80	3.13	2.88	0.549	0.17	1.32	99.58	15	3	119	210	23	70	40	80	20	4	6

Activation Laboratories Ltd. Report: A11-13143

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884309	151	401	11	129	8	<2	1.6	<0.2	7	<0.5	86.8	667	0.6	3.4	0.6	<1	1.3	21	7.8	2.4	
884310	<2	5	<2	58	<1	<2	<0.5	<0.2	<1	<0.5	<0.5	23	<0.4	1.6	<0.1	<1	<0.1	<5	0.8	0.3	
884311	785	30	<2	6	16	<2	<0.5	<0.2	87	<0.5	44.1	43	<0.4	0.6	14.6	<1	5.4	15	0.8	2.8	2.67
884312	123	444	10	116	6	<2	0.9	<0.2	26	<0.5	57.4	714	<0.4	3.1	0.7	<1	1.0	23	7.4	2.4	
884313	124	379	12	125	5	<2	0.7	<0.2	4	<0.5	42.8	595	<0.4	3.4	0.5	1	1.0	14	7.3	2.3	
884314	716	32	<2	9	32	<2	<0.5	<0.2	59	<0.5	41.2	53	1.5	1.2	36.9	<1	4.8	15	1.5	5.7	2.65
884315	553	32	<2	12	30	<2	<0.5	<0.2	61	<0.5	38.0	50	0.8	1.8	32.9	<1	3.8	18	1.7	6.2	
884316	336	519	11	138	5	<2	0.7	<0.2	14	<0.5	140	605	<0.4	3.6	1.3	4	3.5	14	7.4	2.6	
884317	907	40	<2	18	67	<2	<0.5	<0.2	84	<0.5	67.0	48	1.3	3.0	111	3	6.2	20	2.5	9.3	2.68
884318	154	538	11	140	5	<2	0.6	<0.2	7	<0.5	60.7	713	<0.4	3.7	0.8	<1	1.4	17	8.0	2.8	
884319	157	393	11	138	5	<2	0.7	<0.2	3	<0.5	72.7	572	<0.4	3.8	0.7	<1	1.4	16	7.6	2.5	
884320	629	45	<2	15	36	20	<0.5	<0.2	104	<0.5	38.5	104	0.9	1.9	31.2	1	4.1	15	2.0	4.9	
884321	514	23	<2	8	27	<2	<0.5	<0.2	71	<0.5	37.6	13	3.2	1.3	25.8	1	3.3	18	2.1	10.7	2.72
884322	702	18	<2	8	41	<2	<0.5	<0.2	79	<0.5	53.6	8	1.1	1.2	41.2	<1	4.8	12	1.6	3.3	
884323	660	30	<2	10	23	<2	<0.5	<0.2	56	<0.5	44.9	26	2.4	1.4	25.3	<1	4.6	25	1.6	6.5	
884324	186	464	11	132	6	<2	0.5	<0.2	5	<0.5	75.6	646	<0.4	3.9	0.8	1	1.7	20	7.9	2.8	
884325	572	484	11	139	5	<2	0.7	<0.2	26	<0.5	210	530	<0.4	3.6	0.5	<1	5.7	14	7.4	2.5	
884326	462	524	10	143	6	<2	1.0	<0.2	17	<0.5	197	553	0.4	3.4	0.6	1	4.5	13	7.3	2.4	
884327	630	45	<2	13	45	<2	<0.5	<0.2	91	<0.5	54.5	45	0.7	1.6	60.5	3	4.1	16	1.9	5.5	2.65
884328	659	63	<2	19	48	<2	<0.5	<0.2	94	<0.5	59.6	69	0.7	2.1	61.2	2	4.5	19	2.6	8.0	
884329	369	537	11	140	6	<2	0.5	<0.2	11	<0.5	218	622	<0.4	3.7	3.5	<1	3.8	16	7.6	2.6	
884330	<2	5	<2	56	<1	<2	<0.5	<0.2	<1	<0.5	<0.5	23	<0.4	1.6	<0.1	<1	0.1	<5	0.5	0.2	
884331	478	120	<2	25	60	<2	<0.5	<0.2	43	<0.5	56.6	123	1.4	3.2	101	2	3.2	28	3.2	7.2	2.73
884332	692	488	11	145	8	<2	0.7	<0.2	28	<0.5	348	600	<0.4	4.2	5.5	<1	6.9	16	7.6	3.0	
884333	498	37	<2	7	40	<2	<0.5	<0.2	78	<0.5	53.5	52	4.6	0.9	40.4	2	3.5	14	2.1	5.2	2.77
884334	485	28	<2	4	31	<2	0.6	<0.2	73	1.1	35.0	20	6.7	0.5	21.9	13	3.0	23	1.8	5.9	
884335	1140	31	<2	14	41	<2	<0.5	<0.2	97	<0.5	73.8	15	1.4	2.2	42.7	1	8.4	19	2.3	7.9	
884336	885	28	<2	13	58	4	<0.5	<0.2	106	<0.5	74.9	45	4.7	2.0	63.8	2	6.8	17	3.2	7.4	
884337	1230	37	<2	13	43	<2	<0.5	<0.2	79	<0.5	81.0	39	1.4	1.7	51.5	<1	9.1	19	1.9	7.0	
884338	478	395	10	145	9	<2	0.8	<0.2	28	<0.5	221	607	<0.4	4.0	6.9	<1	4.3	20	7.5	3.3	
884339	425	266	12	113	7	<2	0.7	<0.2	22	<0.5	181	1312	<0.4	3.6	2.8	<1	3.5	18	6.9	2.4	
884340	330	24	3	67	21	10	<0.5	<0.2	59	<0.5	20.0	59	0.4	2.5	15.9	2	2.1	9	2.0	2.6	
884341	590	38	<2	9	28	<2	<0.5	<0.2	76	<0.5	48.7	202	1.4	1.6	41.4	<1	3.2	10	1.4	4.6	2.66
884342	413	262	11	110	14	3	<0.5	<0.2	14	<0.5	142	606	0.5	3.6	20.3	13	3.5	18	6.5	3.5	
884343	274	317	10	115	12	2	1.5	<0.2	20	<0.5	139	654	1.0	3.3	9.6	<1	2.4	17	7.3	2.6	
884344	424	32	<2	12	46	<2	<0.5	<0.2	93	<0.5	41.7	48	12.4	2.0	61.5	1	2.6	14	2.2	7.1	2.79
884345	339	49	<2	30	42	<2	<0.5	<0.2	100	<0.5	33.6	78	1.1	2.2	34.7	<1	1.9	15	2.5	6.5	
884346	552	45	<2	13	35	<2	<0.5	<0.2	93	<0.5	51.8	57	0.9	1.4	27.6	1	3.5	15	1.9	4.8	
884347	244	326	10	125	6	<2	0.5	<0.2	16	<0.5	154	706	<0.4	3.5	1.5	1	2.0	14	6.8	2.2	
884348	271	291	13	124	8	2	0.5	<0.2	52	<0.5	113	906	<0.4	3.5	2.4	2	1.7	12	7.8	2.6	
884349	738	29	<2	13	39	2	<0.5	<0.2	98	<0.5	54.5	47	4.5	2.0	38.2	2	4.6	20	2.1	12.2	2.77
884350	<2	4	<2	51	<1	<2	<0.5	<0.2	<1	<0.5	<0.5	28	<0.4	1.6	<0.1	<1	0.1	<5	0.7	0.3	
884351	724	43	<2	18	38	<2	<0.5	<0.2	65	<0.5	53.8	61	1.2	2.0	55.3	<1	4.8	18	1.8	8.5	
884352	380	330	11	118	8	<2	0.7	<0.2	36	<0.5	283	704	<0.4	3.4	7.2	1	3.4	14	8.2	2.6	
884353	154	315	11	118	7	<2	0.7	<0.2	14	<0.5	63.1	736	<0.4	3.3	1.6	2	1.1	13	8.0	2.5	
884354	554	41	2	19	39	<2	<0.5	<0.2	54	<0.5	47.8	107	4.3	2.1	46.7	1	4.0	17	2.5	10.4	2.70
884355	172	333	11	159	12	2	2.2	<0.2	7	1.1	88.2	739	0.5	3.8	0.9	1	1.9	15	7.8	2.5	

Activation Laboratories Ltd. Report: A11-13143

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

TAN-1 Meas																								
TAN-1 Cert																								
NIST 694 Meas		11.44	1.91	0.76	0.014	0.37	44.63	0.90	0.56	0.119	30.23					1685								
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas		47.48	18.48	9.76	0.148	9.99	10.99	1.92	0.23	0.472	0.06			31		152	270	59	250	100	70			
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas		72.14	12.80	3.17	0.138	0.14	0.55	2.46	5.37	0.277	0.04			5	4	5								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	70	30	50	30	150			
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			
W-2a Meas		53.00	15.21	10.66	0.165	6.26	10.62	2.23	0.62	1.077	0.12			35	< 1	272	90	44	70	110	80			
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		
SY-4 Meas		49.91	20.85	6.19	0.107	0.51	7.82	6.95	1.67	0.288	0.14			1	3	7								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																				50	30			
CTA-AC-1 Cert																				54.0	38.0			
BIR-1a Meas		47.93	15.31	11.34	0.172	9.54	13.15	1.81	0.02	0.972	0.01			44	< 1	334	370	54	160	120	70	16		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		
ZW-C Meas	1.10																						101	
ZW-C Cert	1.13																						99	
ZW-C Meas	1.15																							
ZW-C Cert	1.13																							
ZW-C Meas	1.21																							
ZW-C Cert	1.13																							
NCS DC70014 Meas																		26	60	2600	7400	26		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC86316 Meas																								
NCS DC86316 Cert																								
NCS DC70009 (GBW07241) Meas																	30	4	< 20	970	90	17	11	72
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17		170				
OREAS 100a (Fusion) Cert																		18.1		169				
OREAS 101a (Fusion) Meas																		46		400				
OREAS 101a (Fusion) Cert																		48.8		434				
JR-1 Meas																	< 20	< 1	< 20	10	30	17		
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1		
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.22																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.06																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.07																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.04																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.74																							
NCS DC86314 Cert	1.81																							
NCS DC86314 Meas	1.84																							
NCS DC86314 Cert	1.81																							

Activation Laboratories Ltd. Report: A11-13143

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								
884318 Orig	0.10																								
884318 Dup	0.10																								
884323 Orig		71.31	16.86	0.85	0.074	0.02	0.37	5.27	3.14	0.003	0.14	0.89	98.91	< 1	185	6	< 20	< 1	< 20	< 10	80	36	5	< 5	
884323 Dup		70.84	16.73	0.84	0.074	0.02	0.36	5.22	3.12	0.003	0.13	0.89	98.23	< 1	183	5	< 20	< 1	< 20	< 10	90	34	6	< 5	
884327 Orig																									
884327 Dup																									
884328 Orig	0.09																								
884328 Dup	0.09																								
884338 Orig	0.13																								
884338 Dup	0.13																								
884340 Orig		86.10	8.00	1.65	0.047	0.05	0.16	1.68	1.29	0.034	0.06	0.34	99.41	< 1	76	< 5	20	< 1	< 20	20	40	21	3	< 5	
884340 Dup		85.36	7.94	1.65	0.048	0.05	0.16	1.69	1.28	0.034	0.08	0.34	98.63	< 1	77	< 5	20	< 1	< 20	20	40	19	4	< 5	
884348 Orig	0.08																								
884348 Dup	0.09																								
884351 Orig		73.00	16.24	0.96	0.081	0.05	0.35	4.93	2.77	0.004	0.26	0.57	99.20	< 1	174	5	< 20	< 1	< 20	< 10	40	35	4	< 5	
884351 Dup		73.02	16.34	0.97	0.079	0.06	0.34	4.93	2.76	0.003	0.25	0.57	99.31	< 1	177	5	< 20	< 1	< 20	< 10	40	36	4	< 5	
Method Blank																									
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-13143

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
TAN-1 Meas																					2410	
TAN-1 Cert																						2360
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		146	15	34						1.3		105										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		40	44	373								496										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	74					< 2	2.2		2	1.4	2.4				0.7	2			10.6	4.4		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60		
W-2a Meas	19	193	19	85	7	< 2	< 0.5				1.0	173	< 0.4	2.5	0.5	< 1		9	2.3	0.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460				0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530		
SY-4 Meas		1204	115	556								348										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas														1.5	2.8						4.1	
CTA-AC-1 Cert														1.13	2.65						4.4	
BIR-1a Meas		107	14	15	< 1					0.7		7							< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6							3			
ZW-C Meas	8500				198						264		15.3	9.8	84.1	332	34.4		78			
ZW-C Cert	8500				198						260		15.0	9.7	82	320	34		80			
ZW-C Meas																						
ZW-C Cert																						
ZW-C Meas																						
ZW-C Cert																						
NCS DC70014 Meas						270	16.5			180			80.3					27200				
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00				
NCS DC86316 Meas														712								
NCS DC86316 Cert														712								
NCS DC70009 (GBW07241) Meas	518							1.3	1700	4.0	43.6					2200			29.2			
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00			28.3			
OREAS 100a (Fusion) Meas						22													51.9	141		
OREAS 100a (Fusion) Cert						24.1													51.6	135		
OREAS 101a (Fusion) Meas						19													35.2	420		
OREAS 101a (Fusion) Cert						21.9													36.6	422		
JR-1 Meas	255				14	3	0.6	< 0.2	4	1.7	20.8			4.3	1.9		1.5	18	26.1	8.9		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88		
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						

Activation Laboratories Ltd. Report: A11-13143

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86314 Cert

884318 Orig																						
884318 Dup																						
884323 Orig	662	30	< 2	11	24	< 2	< 0.5	< 0.2	57	< 0.5	44.5	25	2.0	1.5	25.6	1	4.6	25	1.5	6.5		
884323 Dup	659	30	< 2	10	23	< 2	< 0.5	< 0.2	55	< 0.5	45.3	26	2.8	1.3	24.9	< 1	4.7	26	1.7	6.5		
884327 Orig																					2.66	
884327 Dup																						2.65
884328 Orig																						
884328 Dup																						
884338 Orig																						
884338 Dup																						
884340 Orig	327	24	3	67	20	10	< 0.5	< 0.2	59	< 0.5	20.1	59	0.4	2.5	15.7	1	2.0	9	2.2	2.6		
884340 Dup	332	24	2	66	22	11	< 0.5	< 0.2	58	< 0.5	20.0	59	0.5	2.4	16.1	2	2.1	9	1.9	2.5		
884348 Orig																						
884348 Dup																						
884351 Orig	718	43	< 2	17	37	< 2	< 0.5	< 0.2	63	< 0.5	52.8	62	1.2	2.0	55.9	< 1	4.8	18	1.8	8.6		
884351 Dup	729	43	< 2	20	40	< 2	< 0.5	< 0.2	66	< 0.5	54.7	61	1.3	2.0	54.8	< 1	4.9	18	1.9	8.5		
Method Blank																						< 0.01
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						



Date Submitted: 10-Nov-11
Invoice No.: A11-13348
Invoice Date: 06-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 9 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13348**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13348

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884547	0.08	65.45	15.50	5.61	0.101	2.48	3.00	2.81	2.37	0.560	0.17	1.34	99.39	15	8	110	220	22	70	40	60	17	2	< 5
884548	0.05	72.53	15.73	0.49	0.058	0.04	0.38	5.09	3.26	0.003	0.33	0.71	98.62	< 1	180	5	< 20	< 1	< 20	< 10	< 30	30	4	< 5
884549	0.43	72.74	16.03	0.56	0.104	0.03	0.24	3.84	3.94	0.001	0.32	0.49	98.29	< 1	198	< 5	< 20	< 1	< 20	< 10	50	30	5	< 5
884550	< 0.01	96.74	0.55	1.65	0.016	< 0.01	0.03	0.10	0.11	0.031	0.01	-0.14	99.10	< 1	2	5	< 20	< 1	< 20	< 10	< 30	1	1	< 5
884551	0.57	74.20	15.64	0.64	0.081	0.05	0.26	3.70	3.01	0.002	0.29	0.45	98.32	< 1	172	< 5	< 20	< 1	< 20	< 10	< 30	31	5	< 5
884552	0.74	74.01	15.87	0.65	0.102	0.06	0.22	2.93	3.47	< 0.001	0.27	0.51	98.10	< 1	197	< 5	< 20	< 1	< 20	< 10	40	32	5	< 5
884553	0.53	74.34	15.67	0.64	0.079	0.14	0.31	3.73	2.91	< 0.001	0.25	0.69	98.74	< 1	196	< 5	< 20	< 1	< 20	< 10	< 30	32	5	< 5
884554	0.23	72.82	15.97	0.62	0.071	0.20	0.39	4.49	3.94	< 0.001	0.31	0.73	99.56	< 1	150	< 5	< 20	< 1	< 20	< 10	30	29	4	< 5
884555	0.20	73.73	16.65	0.71	0.095	0.15	0.37	5.65	2.35	0.001	0.33	0.85	100.9	< 1	179	< 5	< 20	< 1	< 20	< 10	< 30	33	5	< 5
884556	0.13	61.52	16.09	6.81	0.119	3.19	2.37	3.19	2.60	0.613	0.19	1.54	98.25	18	12	129	210	25	80	60	80	19	2	< 5

Activation Laboratories Ltd. Report: A11-13348

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884547	185	372	10	123	5	< 2	0.5	< 0.2	11	< 0.5	46.5	659	0.8	3.0	1.1	< 1	1.3	9	6.4	2.6	
884548	964	31	2	19	34	< 2	< 0.5	< 0.2	74	< 0.5	45.1	50	1.3	2.6	87.5	2	6.4	7	1.7	3.4	
884549	1290	40	< 2	15	22	< 2	< 0.5	< 0.2	70	< 0.5	58.0	50	3.1	2.2	33.5	< 1	10.0	11	1.4	5.4	
884550	14	5	< 2	54	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.6	27	< 0.4	1.3	0.5	< 1	0.3	< 5	0.7	0.4	
884551	1020	36	< 2	14	29	2	< 0.5	< 0.2	88	< 0.5	63.8	60	3.3	1.9	46.0	< 1	7.9	11	1.2	5.3	
884552	1250	34	< 2	14	21	< 2	< 0.5	< 0.2	87	< 0.5	59.0	37	3.1	2.2	27.0	< 1	9.6	10	1.8	5.5	2.76
884553	823	90	< 2	12	24	< 2	< 0.5	< 0.2	90	< 0.5	41.2	242	3.2	1.8	32.7	< 1	5.7	7	1.5	4.2	
884554	1060	84	< 2	14	29	< 2	< 0.5	< 0.2	76	< 0.5	52.2	271	2.5	2.3	38.1	< 1	7.4	8	1.1	3.8	
884555	576	53	< 2	18	27	< 2	< 0.5	< 0.2	94	< 0.5	29.9	228	1.1	2.8	37.2	1	3.4	6	1.4	5.0	
884556	278	306	13	115	6	< 2	< 0.5	< 0.2	22	< 0.5	82.0	566	0.6	2.9	1.9	1	2.3	11	6.8	2.5	

Activation Laboratories Ltd. Report: A11-13348

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.56	1.91	0.74	0.013	0.34	43.08	0.88	0.55	0.117	30.23					1674									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.13	18.41	9.94	0.146	9.87	11.41	1.89	0.22	0.469	0.07			31		155	270	59	250	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.85	12.92	3.23	0.144	0.14	0.59	2.47	5.42	0.286	0.04			5	4	7									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	50	30				30	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
W-2a Meas		52.49	15.41	10.86	0.165	6.17	11.00	2.21	0.62	1.085	0.13			35	< 1	275	90	70	120	80	18			< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	70.0	110	80.0	17.0			1.20	
SY-4 Meas		49.80	20.51	6.11	0.106	0.49	8.04	6.94	1.67	0.292	0.13			1	3	< 5									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																					50	30			
CTA-AC-1 Cert																					54.0	38.0			
BIR-1a Meas		48.22	15.90	11.53	0.171	9.43	13.43	1.82	0.02	0.974	0.03			44	< 1	336	370	54	160	130	70	15			
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16			
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.10																						99		
ZW-C Cert	1.13																						99		
ZW-C Meas	1.15																								
ZW-C Cert	1.13																								
ZW-C Meas	1.21																								
ZW-C Cert	1.13																								
NCS DC70014 Meas																		25	70	2620	7400	25			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920		16	11	69	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000		16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		17		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		46		410					
OREAS 101a (Fusion) Cert																		48.8		434					
JR-1 Meas																	< 20	< 1	< 20	10	30	16			
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1			
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.07																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.04																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.74																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								

Activation Laboratories Ltd. Report: A11-13348

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
884548 Orig	0.05																								
884548 Dup	0.05																								
884556 Orig	0.13	61.52	16.09	6.81	0.119	3.19	2.37	3.19	2.60	0.613	0.19	1.54	98.25	18	12	129	210	25	80	60	80	19	2	< 5	
884556 Split	0.13	62.91	16.55	6.89	0.123	3.27	2.45	3.22	2.64	0.623	0.19	1.67	100.5	18	12	130	210	24	80	60	80	20	2	< 5	
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-13348

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		141	16	33						1.2		104										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		41	45	404								500										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	72					< 2	1.5		2	1.1	2.3				0.7	2					4.5	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60	
W-2a Meas	21	195	19	84	8	< 2	< 0.5				1.0	174	< 0.4	2.5	0.5	< 1			2.5			
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460				0.990	182	0.0300	2.60	0.500	0.300			2.40			
SY-4 Meas		1202	113	534								346										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas														1.4	2.7						4.3	
CTA-AC-1 Cert														1.13	2.65						4.4	
BIR-1a Meas		109	14	15	< 1					0.6		8		0.5				< 5				
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3				
NCS DC86312 Meas																					25.4	
NCS DC86312 Cert																					23.6	
ZW-C Meas					205						269		14.1	9.8	85.6		35.3	77				
ZW-C Cert					198						260		15.0	9.7	82		34	80				
ZW-C Meas																						
ZW-C Cert																						
ZW-C Meas																						
ZW-C Cert																						
NCS DC70014 Meas						270	16.8			180			80.3					27200				
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00				
NCS DC70009 (GBW07241) Meas	504						2.3	1.3	1700	3.5	43.1					2200				29.0		
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00				28.3		
OREAS 100a (Fusion) Meas						22														50.5	140	
OREAS 100a (Fusion) Cert						24.1														51.6	135	
OREAS 101a (Fusion) Meas						20														34.8	420	
OREAS 101a (Fusion) Cert						21.9														36.6	422	
JR-1 Meas	247				13	3	< 0.5	< 0.2	4	1.4	20.9			4.4	1.9		1.6	18	26.3	9.2		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88		
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884548 Orig																						

Activation Laboratories Ltd. Report: A11-13348

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
884548 Dup																						
884556 Orig	278	306	13	115	6	< 2	< 0.5	< 0.2	22	< 0.5	82.0	566	0.6	2.9	1.9	1	2.3	11	6.8	2.5		
884556 Split	283	307	12	117	6	< 2	< 0.5	< 0.2	23	< 0.5	83.7	573	0.7	2.9	2.1	1	2.3	12	6.8	2.5		
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																					1.00	
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						



Date Submitted: 10-Nov-11
Invoice No.: A11-13349
Invoice Date: 06-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 16 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13349

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Eseme, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13349

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884529	0.02	62.24	15.11	5.75	0.172	3.22	7.18	3.12	0.60	0.523	0.24	0.89	99.05	15	6	122	310	23	90	80	130	19	3	< 5
884530	< 0.01	97.05	0.36	1.32	0.014	0.02	0.05	0.04	0.06	0.032	< 0.01	-0.06	98.88	< 1	< 1	< 5	< 20	< 1	< 20	10	< 30	1	1	< 5
884531	0.01	73.36	15.64	1.15	0.055	0.29	0.71	5.89	1.58	0.042	0.40	0.96	100.1	1	157	11	30	3	< 20	20	40	32	4	< 5
884532	< 0.01	72.35	16.11	0.48	0.057	0.03	0.59	6.93	1.87	0.002	0.45	0.59	99.46	< 1	124	< 5	< 20	< 1	< 20	< 10	50	34	5	< 5
884533	0.02	73.97	15.29	0.48	0.044	0.04	0.34	5.66	3.40	0.001	0.27	0.58	100.1	< 1	119	< 5	< 20	< 1	< 20	10	40	28	4	< 5
884534	< 0.01	74.48	15.50	0.69	0.048	0.10	0.69	5.88	2.20	0.022	0.47	0.86	100.9	< 1	88	8	< 20	< 1	< 20	20	< 30	31	4	< 5
884535	0.27	73.95	15.20	0.71	0.130	0.06	0.46	3.70	4.25	0.002	0.51	0.75	99.73	< 1	64	< 5	< 20	< 1	< 20	< 10	50	30	4	< 5
884536	0.32	73.43	15.35	0.63	0.075	0.08	0.29	3.74	4.29	0.002	0.30	0.67	98.84	< 1	113	< 5	< 20	< 1	< 20	< 10	60	28	4	< 5
884537	0.70	76.71	15.44	0.65	0.079	0.08	0.22	2.81	3.90	0.001	0.24	0.56	100.7	< 1	176	< 5	< 20	< 1	< 20	10	70	28	4	< 5
884538	0.82	74.07	16.17	0.87	0.168	0.05	0.24	2.68	2.71	0.001	0.35	0.88	98.19	< 1	199	5	< 20	< 1	< 20	< 10	60	37	5	< 5
884539	0.95	75.19	15.70	0.68	0.118	0.08	0.20	2.30	2.88	< 0.001	0.18	0.63	97.97	< 1	191	< 5	< 20	< 1	< 20	< 10	70	35	5	< 5
884540	0.37	85.54	7.94	1.66	0.048	0.05	0.16	1.68	1.28	0.033	0.09	0.07	98.54	< 1	84	< 5	20	1	< 20	30	60	20	2	< 5
884541	0.51	74.15	15.61	0.59	0.141	0.06	0.31	4.99	1.50	< 0.001	0.39	0.70	98.44	< 1	190	< 5	< 20	< 1	< 20	< 10	40	33	5	< 5
884542	0.65	74.42	15.44	0.68	0.151	0.05	0.30	4.16	1.99	0.001	0.38	0.64	98.23	< 1	187	6	< 20	< 1	< 20	< 10	50	31	5	< 5
884543	0.93	74.96	15.98	0.66	0.143	0.02	0.24	3.02	2.52	0.001	0.30	0.58	98.44	< 1	200	< 5	< 20	< 1	< 20	20	60	32	5	< 5
884544	0.67	74.51	15.69	0.72	0.156	0.04	0.26	4.75	1.38	0.001	0.34	0.55	98.39	< 1	185	< 5	< 20	< 1	< 20	< 10	50	31	5	< 5
884545	0.19	75.24	15.89	0.58	0.064	0.07	0.30	5.76	1.89	< 0.001	0.27	0.78	100.8	< 1	184	< 5	< 20	< 1	< 20	< 10	40	33	5	< 5
884546	0.09	76.38	15.10	0.47	0.047	0.04	0.25	4.16	3.13	0.001	0.22	0.94	100.8	< 1	214	< 5	< 20	< 1	< 20	< 10	30	32	4	< 5

Activation Laboratories Ltd. Report: A11-13349

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884529	39	397	13	110	6	< 2	< 0.5	< 0.2	14	< 0.5	7.8	145	0.7	2.7	0.4	2	0.4	14	6.2	2.1	
884530	< 2	5	< 2	51	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	25	< 0.4	1.2	< 0.1	< 1	< 0.1	< 5	0.7	0.3	
884531	446	50	3	22	19	< 2	< 0.5	< 0.2	85	< 0.5	22.6	55	9.1	1.8	18.3	2	2.1	12	2.3	4.2	
884532	502	23	< 2	24	27	< 2	< 0.5	< 0.2	73	< 0.5	19.3	10	0.6	2.6	31.2	< 1	3.0	10	1.8	5.0	
884533	914	25	< 2	12	16	< 2	< 0.5	< 0.2	57	< 0.5	37.5	32	0.5	1.4	22.9	< 1	5.9	8	0.9	2.6	
884534	579	54	< 2	17	21	< 2	< 0.5	< 0.2	82	< 0.5	26.2	62	0.5	1.6	23.8	< 1	3.3	9	1.4	2.4	
884535	1140	44	2	18	19	< 2	< 0.5	< 0.2	82	< 0.5	52.9	58	5.4	1.8	22.0	2	7.6	16	2.0	8.8	
884536	1300	51	< 2	14	19	< 2	< 0.5	< 0.2	71	< 0.5	72.1	97	4.5	1.8	16.8	< 1	9.6	14	1.2	5.8	
884537	1060	50	< 2	9	15	< 2	< 0.5	< 0.2	75	< 0.5	52.3	105	1.9	1.3	19.8	< 1	8.0	11	1.3	4.5	
884538	861	41	< 2	15	26	< 2	< 0.5	< 0.2	125	< 0.5	41.4	42	1.9	2.1	36.0	< 1	6.2	10	1.9	5.6	2.77
884539	903	39	< 2	12	37	< 2	< 0.5	< 0.2	120	< 0.5	47.0	101	1.8	2.0	63.3	< 1	6.6	9	1.8	3.3	
884540	334	24	2	54	19	12	< 0.5	< 0.2	61	< 0.5	19.1	58	0.4	1.9	13.7	2	2.3	8	2.3	3.1	
884541	488	34	< 2	23	27	< 2	< 0.5	< 0.2	89	< 0.5	30.9	42	0.5	3.6	40.3	< 1	3.1	7	1.7	5.1	
884542	650	31	< 2	18	22	< 2	< 0.5	< 0.2	92	< 0.5	42.0	74	2.9	2.6	39.2	< 1	4.5	13	1.5	8.1	
884543	882	28	< 2	18	23	< 2	< 0.5	< 0.2	106	< 0.5	53.6	26	4.0	2.5	37.2	< 1	6.2	13	1.7	6.6	
884544	488	23	< 2	16	31	< 2	< 0.5	< 0.2	85	< 0.5	32.8	16	2.2	2.4	48.4	< 1	3.2	10	1.4	7.0	
884545	608	29	< 2	31	18	< 2	< 0.5	< 0.2	92	< 0.5	38.7	24	0.8	3.5	16.7	1	3.7	8	1.4	5.8	
884546	847	25	< 2	22	16	< 2	< 0.5	< 0.2	103	< 0.5	53.8	17	0.8	2.8	12.6	1	4.8	9	1.3	3.9	

Activation Laboratories Ltd. Report: A11-13349

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.56	1.91	0.74	0.013	0.34	43.08	0.88	0.55	0.117	30.23					1674									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.13	18.41	9.94	0.146	9.87	11.41	1.89	0.22	0.469	0.07			31		155	270	59	250	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.85	12.92	3.23	0.144	0.14	0.59	2.47	5.42	0.286	0.04			5	4	7									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	50	30				30	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
W-2a Meas		52.49	15.41	10.86	0.165	6.17	11.00	2.21	0.62	1.085	0.13			35	< 1	275	90		70	120	80	18		< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0		70.0	110	80.0	17.0		1.20	
SY-4 Meas		49.80	20.51	6.11	0.106	0.49	8.04	6.94	1.67	0.292	0.13			1	3	< 5									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																					50	30			
CTA-AC-1 Cert																					54.0	38.0			
BIR-1a Meas		48.22	15.90	11.53	0.171	9.43	13.43	1.82	0.02	0.974	0.03			44	< 1	336	370	54	160	130	70	15			
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16			
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.10																						99		
ZW-C Cert	1.13																						99		
ZW-C Meas	1.15																								
ZW-C Cert	1.13																								
ZW-C Meas	1.21																								
ZW-C Cert	1.13																								
NCS DC70014 Meas																			25	70	2620	7400	25		
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																		30	3	< 20	920	16	11	69	
NCS DC70009 (GBW07241) Cert																		30	3.7	2.8	960.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			17		160				
OREAS 100a (Fusion) Cert																			18.1		169				
OREAS 101a (Fusion) Meas																			46		410				
OREAS 101a (Fusion) Cert																			48.8		434				
JR-1 Meas																			< 20	< 1	< 20	10	30	16	
JR-1 Cert																			2.83	0.83	1.67	2.68	30.6	16.1	
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.07																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.04																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.74																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								

Activation Laboratories Ltd. Report: A11-13349

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
884529 Orig	0.02																								
884529 Dup	0.02																								
884539 Orig	0.94																								
884539 Dup	0.96																								
884546 Orig	0.09	76.38	15.10	0.47	0.047	0.04	0.25	4.16	3.13	0.001	0.22	0.94	100.8	< 1	214	< 5	< 20	< 1	< 20	< 10	30	32	4	< 5	
884546 Split	0.08	76.39	15.12	0.48	0.047	0.04	0.25	4.16	3.13	0.001	0.22	0.96	100.8	< 1	212	< 5	< 20	< 1	< 20	< 10	30	32	5	< 5	
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-13349

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		141	16	33						1.2		104									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	45	404								500									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	72					< 2	1.5		2	1.1	2.3				0.7	2					4.5
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60
W-2a Meas	21	195	19	84	8	< 2	< 0.5				1.0	174	< 0.4	2.5	0.5	< 1			2.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460				0.990	182	0.0300	2.60	0.500	0.300			2.40		
SY-4 Meas		1202	113	534								346									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.4	2.7						4.3
CTA-AC-1 Cert														1.13	2.65						4.4
BIR-1a Meas		109	14	15	< 1					0.6		8		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																					25.4
NCS DC86312 Cert																					23.6
ZW-C Meas					205						269		14.1	9.8	85.6		35.3	77			
ZW-C Cert					198						260		15.0	9.7	82		34	80			
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
NCS DC70014 Meas						270	16.8			180			80.3					27200			
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00			
NCS DC70009 (GBW07241) Meas	504						2.3	1.3	1700	3.5	43.1					2200			29.0		
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3		
OREAS 100a (Fusion) Meas						22													50.5		140
OREAS 100a (Fusion) Cert						24.1													51.6		135
OREAS 101a (Fusion) Meas						20													34.8		420
OREAS 101a (Fusion) Cert						21.9													36.6		422
JR-1 Meas	247				13	3	< 0.5	< 0.2	4	1.4	20.9			4.4	1.9		1.6	18	26.3	9.2	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88	
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884529 Orig																					

Activation Laboratories Ltd. Report: A11-13349

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

884529 Dup																						
884539 Orig																						
884539 Dup																						
884546 Orig	847	25	< 2	22	16	< 2	< 0.5	< 0.2	103	< 0.5	53.8	17	0.8	2.8	12.6	1	4.8	9	1.3	3.9		
884546 Split	848	25	< 2	23	16	< 2	< 0.5	< 0.2	101	< 0.5	53.2	17	0.8	3.0	13.1	2	5.2	9	1.5	3.8		
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																					1.00	
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						



Date Submitted: 11-Nov-11
Invoice No.: A11-13378
Invoice Date: 06-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 10 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13378**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13378

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884557	0.13	59.36	17.11	7.75	0.119	3.97	2.45	3.08	3.74	0.697	0.27	1.56	100.1	21	20	150	230	27	100	< 10	120	23	3	< 5
884558	0.20	74.17	15.42	0.80	0.115	0.03	0.16	5.08	1.98	0.004	0.14	0.64	98.54	< 1	160	5	< 20	< 1	< 20	30	50	38	4	< 5
884559	0.82	75.24	15.93	0.91	0.094	0.03	0.14	3.16	2.94	0.002	0.15	0.37	98.97	< 1	179	< 5	< 20	< 1	< 20	< 10	410	33	4	< 5
884560	0.77	73.27	15.34	3.22	0.094	0.06	0.26	3.31	2.41	0.003	0.14	-0.05	98.07	< 1	157	< 5	30	2	30	50	110	41	5	< 5
884561	0.72	75.48	15.74	1.03	0.106	0.02	0.22	4.01	1.93	0.002	0.26	0.38	99.17	< 1	161	8	< 20	< 1	< 20	10	70	36	5	< 5
884562	0.67	75.16	15.89	1.02	0.079	0.02	0.29	3.70	2.52	0.001	0.27	0.44	99.39	< 1	171	< 5	< 20	< 1	< 20	< 10	70	36	5	< 5
884563	0.70	75.01	15.64	1.01	0.085	0.02	0.25	3.67	2.59	0.001	0.29	0.36	98.92	< 1	160	< 5	< 20	< 1	< 20	< 10	50	34	5	< 5
884564	0.82	76.87	14.70	0.98	0.080	0.02	0.15	3.25	2.05	0.001	0.14	0.25	98.49	< 1	230	< 5	< 20	< 1	< 20	< 10	60	35	5	< 5
884565	0.50	75.28	15.44	0.79	0.067	0.02	0.18	4.65	1.84	0.001	0.17	0.42	98.87	< 1	224	< 5	< 20	< 1	< 20	< 10	110	36	4	< 5
884566	0.70	74.02	16.10	0.84	0.079	0.02	0.18	4.12	2.12	0.001	0.15	0.36	98.00	< 1	191	< 5	< 20	< 1	< 20	< 10	70	36	5	< 5
884567	0.10	64.25	15.00	6.40	0.106	2.76	3.09	2.80	2.22	0.548	0.33	0.98	98.48	15	28	113	230	21	60	60	90	21	2	< 5

Activation Laboratories Ltd. Report: A11-13378

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884557	476	273	13	126	10	< 2	1.1	< 0.2	46	< 0.5	147	839	0.6	3.2	5.2	2	4.3	13	7.4	3.1	
884558	552	18	2	19	24	< 2	0.6	< 0.2	85	< 0.5	30.7	20	1.4	2.5	29.0	2	4.3	11	1.6	3.5	
884559	714	21	< 2	14	15	< 2	< 0.5	< 0.2	65	< 0.5	38.4	21	4.2	1.9	22.4	< 1	5.7	12	1.1	4.6	
884560	604	43	< 2	17	48	22	0.6	< 0.2	104	0.7	39.9	105	1.0	2.0	30.4	1	5.2	19	1.9	4.9	
884561	637	20	< 2	16	31	< 2	< 0.5	< 0.2	91	< 0.5	43.8	10	2.9	2.4	42.2	< 1	5.4	12	1.3	3.7	
884562	771	24	< 2	13	31	3	< 0.5	< 0.2	82	< 0.5	58.2	7	2.7	2.1	40.9	< 1	7.1	16	1.3	4.3	2.75
884563	803	23	< 2	12	32	< 2	< 0.5	< 0.2	87	< 0.5	60.2	8	1.6	1.7	40.1	< 1	7.2	14	1.2	3.5	
884564	611	23	< 2	19	17	< 2	< 0.5	< 0.2	70	< 0.5	42.9	12	2.5	2.7	23.4	< 1	5.8	12	1.1	3.6	
884565	641	17	< 2	22	19	< 2	< 0.5	< 0.2	74	< 0.5	42.7	12	4.8	3.1	17.7	< 1	5.6	11	1.3	5.3	
884566	726	24	< 2	12	25	< 2	< 0.5	< 0.2	76	< 0.5	46.6	15	2.1	2.2	37.2	< 1	6.6	10	1.1	3.5	
884567	444	334	10	117	12	2	0.7	< 0.2	34	< 0.5	207	457	< 0.4	3.3	11.0	< 1	4.2	13	6.1	2.3	

Activation Laboratories Ltd. Report: A11-13378

Quality Control

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

TAN-1 Meas																								
TAN-1 Cert																								
NIST 694 Meas		11.34	1.90	0.76	0.013	0.35	44.09	0.89	0.56	0.120	30.21					1693								
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas		46.85	18.39	10.00	0.148	10.11	11.21	1.88	0.23	0.479	0.09			31		157	270	58	250	100	70			
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas		68.85	12.64	3.19	0.140	0.14	0.57	2.49	5.41	0.282	0.05			5	4	7								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	70	31		30	150			
LKSD-3 Cert																	87.0	30.0		35.0	152			
W-2a Meas		52.34	15.17	10.76	0.166	6.18	10.82	2.16	0.62	1.081	0.13			35	< 1	280	80	44	60	110	80			
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		
DTS-2b Meas																	15000	114						
DTS-2b Cert																	15500	120						
SY-4 Meas		49.37	20.34	6.10	0.107	0.50	7.84	6.99	1.66	0.286	0.13			1	3	9								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																				50	30			
CTA-AC-1 Cert																				54.0	38.0			
BIR-1a Meas		47.84	15.38	11.36	0.173	9.56	13.29	1.80	0.02	0.975	0.03			44	< 1	340	380	54	170	120	70	15		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.10																						99	
ZW-C Cert	1.13																						99	
ZW-C Meas	1.15																							
ZW-C Cert	1.13																							
ZW-C Meas	1.21																							
ZW-C Cert	1.13																							
NCS DC70014 Meas																		26	70	2600	7400	25		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	4	< 20	980	100	17	11	72
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17		170				
OREAS 100a (Fusion) Cert																		18.1		169				
OREAS 101a (Fusion) Meas																		47		410				
OREAS 101a (Fusion) Cert																		48.8		434				
JR-1 Meas																		< 1	< 20	< 10	30	16		15
JR-1 Cert																		0.83	1.67	2.68	30.6	16.1		16.3
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.22																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.06																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.07																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.04																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.74																							
NCS DC86314 Cert	1.81																							

Activation Laboratories Ltd. Report: A11-13378

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NCS DC86314 Meas	1.84																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.78																									
NCS DC86314 Cert	1.81																									
884558 Orig	0.20																									
884558 Dup	0.21																									
884567 Orig	0.10	64.25	15.00	6.40	0.106	2.76	3.09	2.80	2.22	0.548	0.33	0.98	98.48	15	28	113	230	21	60	60	90	21	2	< 5		
884567 Split	0.10	65.51	15.53	6.37	0.105	2.81	3.03	2.98	2.35	0.550	0.35	1.08	100.7	15	27	110	230	21	60	60	100	21	3	< 5		
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-13378

Quality Control

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

TAN-1 Meas																					2350		
TAN-1 Cert																						2360	
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas		144	15	34						1.4		105											
DNC-1 Cert		144.0	18.0	38						0.96		118											
GBW 07113 Meas		42	43	377								503											
GBW 07113 Cert		43.0	43.0	403								506											
LKSD-3 Meas	72					< 2	2.2		2	1.6	2.4				0.6	2				10.3	4.5		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00				11.4	4.60		
W-2a Meas		195	19	86	8	< 2	0.6			0.8	0.9	172	< 0.4	2.3	0.5			9		2.4	0.6		
W-2a Cert		190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500			9.30	2.40	0.530			
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas		1191	110	531								342											
SY-4 Cert		1191	119	517								340											
CTA-AC-1 Meas														1.3	2.8					23.5	4.3		
CTA-AC-1 Cert														1.13	2.65					21.8	4.4		
BIR-1a Meas		110	12	36	< 1					0.6		8		0.5						< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60						3			
NCS DC86312 Meas																					25.6		
NCS DC86312 Cert																					23.6		
ZW-C Meas	8390				197						253			9.5	84.3	328	34.1	78					
ZW-C Cert	8500				198						260			9.7	82	320	34	80					
ZW-C Meas																							
ZW-C Cert																							
ZW-C Meas																							
ZW-C Cert																							
NCS DC70014 Meas						270	16.4				180		80.3						27200				
NCS DC70014 Cert						270	16.7				180.000		80.3						27200.00				
NCS DC70009 (GBW07241) Meas	507							1.3	1700	4.6	43.6					2200				29.0			
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00				28.3			
OREAS 100a (Fusion) Meas						23															51.5	143	
OREAS 100a (Fusion) Cert						24.1															51.6	135	
OREAS 101a (Fusion) Meas						20															34.7	419	
OREAS 101a (Fusion) Cert						21.9															36.6	422	
JR-1 Meas	243				14	3	0.6	< 0.2	4	1.8	20.8			4.5	1.9		1.5	19	25.8	9.5			
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88			
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
NCS DC86314 Meas																							

Activation Laboratories Ltd. Report: A11-13378

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86314 Cert

NCS DC86314 Meas

NCS DC86314 Cert

884558 Orig

884558 Dup

884567 Orig

884567 Split

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

	444	334	10	117	12	2	0.7	< 0.2	34	< 0.5	207	457	< 0.4	3.3	11.0	< 1	4.2	13	6.1	2.3	
	450	345	9	120	12	2	0.8	< 0.2	36	< 0.5	215	466	< 0.4	3.4	11.2	< 1	4.8	16	6.0	2.3	1.00
	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	



Date Submitted: 11-Nov-11
Invoice No.: A11-13381
Invoice Date: 15-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

3 Pulp samples and 30 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13381

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13381

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884356	0.03	51.45	11.80	12.86	0.189	9.63	7.20	2.57	1.20	1.807	0.22	2.05	101.0	22	3	282	420	59	360	90	110	19	2	< 5
884357	0.01	70.82	15.88	0.89	0.029	0.23	0.69	5.16	4.09	0.011	0.25	0.80	98.83	< 1	143	5	< 20	< 1	< 20	< 10	< 30	31	8	< 5
884358	0.01	73.49	15.13	0.92	0.032	0.24	0.84	5.74	2.22	0.003	0.15	1.03	99.80	< 1	159	< 5	< 20	1	< 20	20	< 30	34	5	< 5
884359	< 0.01	72.65	15.53	0.75	0.017	0.12	0.89	7.08	1.72	0.003	0.24	0.71	99.70	< 1	161	< 5	< 20	1	< 20	< 10	< 30	32	5	< 5
884360	0.71	73.41	15.08	3.22	0.094	0.06	0.27	3.31	2.39	0.005	0.14	0.01	97.98	< 1	157	7	30	1	20	50	100	39	4	< 5
884361	0.07	63.46	14.86	6.54	0.082	3.71	3.33	3.22	2.28	0.540	0.18	2.09	100.3	15	17	115	240	28	80	70	60	19	2	< 5
884362	0.07	61.74	14.58	6.91	0.127	3.64	2.79	3.08	2.33	0.535	0.23	2.08	98.05	15	16	115	270	24	70	50	80	22	3	< 5
884363	0.06	71.73	15.26	1.14	0.027	0.36	0.61	4.11	4.83	0.004	0.21	0.98	99.26	< 1	264	6	< 20	4	< 20	< 10	< 30	33	4	< 5
884364	0.02	66.50	17.44	1.76	0.030	0.58	0.88	6.22	3.81	0.055	0.22	1.22	98.70	2	99	15	20	11	< 20	< 10	< 30	35	4	< 5
884365	0.08	59.53	14.60	8.10	0.144	3.90	2.48	2.52	2.53	0.596	0.19	3.21	97.80	18	7	128	280	32	90	80	50	21	2	< 5
884366	0.08	59.99	14.68	8.30	0.142	4.03	2.25	2.58	2.65	0.620	0.17	2.78	98.21	20	6	137	280	36	90	90	60	21	2	< 5
884367	0.09	63.34	15.50	6.84	0.121	3.44	2.80	3.02	2.70	0.602	0.21	1.48	100.1	17	6	120	220	25	80	50	80	22	2	< 5
884368	0.65	77.24	15.39	1.10	0.072	0.07	0.44	3.64	2.13	0.005	0.18	0.49	100.8	< 1	153	< 5	< 20	1	< 20	< 10	< 30	38	4	< 5
884369	0.19	73.48	15.56	0.97	0.051	0.16	0.61	5.42	2.68	0.011	0.24	0.62	99.79	< 1	199	5	< 20	1	< 20	< 10	< 30	36	5	< 5
884370	< 0.01	99.63	0.33	0.61	0.008	0.01	0.03	0.03	0.06	0.033	< 0.01	0.08	100.8	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	< 1	1	< 5
884371	0.07	64.60	15.45	6.50	0.110	3.38	2.57	3.27	2.76	0.611	0.17	1.54	100.9	17	2	119	190	25	80	50	170	18	2	< 5
884372	0.06	63.07	15.01	6.31	0.106	3.56	4.09	3.02	1.95	0.549	0.17	1.84	99.67	15	6	110	220	22	70	30	70	19	2	< 5
884373	0.30	74.14	15.50	0.85	0.076	0.05	0.36	4.88	3.15	0.004	0.23	0.41	99.66	< 1	145	< 5	< 20	< 1	< 20	< 10	60	35	5	< 5
884374	0.28	78.70	13.43	0.99	0.062	0.04	0.26	4.18	1.89	0.002	0.15	0.50	100.2	< 1	269	< 5	< 20	< 1	< 20	< 10	< 30	34	4	< 5
884375	0.04	73.80	15.41	0.76	0.055	0.05	0.40	5.80	2.86	0.004	0.18	0.50	99.82	< 1	162	< 5	< 20	< 1	< 20	< 10	< 30	32	4	< 5
884376	0.08	65.10	15.32	5.81	0.109	3.17	3.73	3.02	2.34	0.597	0.24	1.51	100.9	16	8	113	200	23	70	50	90	18	2	< 5
884377	0.08	63.15	15.45	6.31	0.102	3.40	2.97	3.18	2.58	0.548	0.15	1.81	99.65	15	3	112	210	21	60	30	100	18	2	< 5
884378	0.33	74.19	15.04	0.94	0.059	0.12	0.46	4.51	3.36	0.004	0.17	0.55	99.41	< 1	182	5	< 20	< 1	< 20	< 10	30	32	3	< 5
884379	0.08	70.40	15.93	1.63	0.078	0.56	0.65	3.93	6.39	0.023	0.21	0.93	100.7	< 1	160	8	< 20	3	< 20	< 10	40	26	3	< 5
884380	0.34	85.68	8.08	1.66	0.049	0.04	0.16	1.68	1.26	0.033	0.08	0.08	98.81	< 1	79	< 5	20	1	< 20	30	50	21	3	< 5
884381	0.08	64.42	15.45	6.08	0.116	3.36	3.47	3.17	2.24	0.494	0.18	1.48	100.5	14	14	101	200	19	60	30	120	19	2	< 5
884382	0.07	64.46	14.84	6.35	0.101	3.39	3.80	3.13	2.12	0.554	0.14	1.08	99.96	15	3	115	200	21	60	40	70	17	2	< 5
884383	0.20	74.97	15.19	0.95	0.059	0.07	0.32	4.73	2.43	0.005	0.17	0.64	99.53	< 1	181	< 5	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884384	0.29	73.68	14.87	1.04	0.050	0.11	0.36	3.71	3.28	0.006	0.12	0.77	98.00	< 1	226	5	< 20	1	< 20	20	< 30	36	8	< 5
884385	0.51	74.10	15.68	1.31	0.087	0.22	0.41	4.21	2.09	0.009	0.13	0.81	99.05	< 1	204	< 5	< 20	1	< 20	< 10	< 30	41	4	< 5
884386	0.55	75.23	15.81	1.20	0.091	0.13	0.38	3.94	2.33	0.003	0.14	0.74	99.99	< 1	187	< 5	< 20	< 1	< 20	< 10	< 30	42	4	< 5
884387	0.24	74.38	15.30	0.89	0.088	0.07	0.53	6.07	1.88	0.003	0.32	0.47	100.0	< 1	265	< 5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
884388	0.06	64.28	15.29	5.43	0.150	2.87	3.29	3.78	2.48	0.446	0.27	2.36	100.6	13	74	94	190	18	60	70	280	23	2	< 5

Activation Laboratories Ltd. Report: A11-13381

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884356	83	346	17	137	9	< 2	0.6	< 0.2	3	< 0.5	35.2	299	< 0.4	3.1	1.5	< 1	1.0	8	3.1	0.9	
884357	857	137	< 2	22	56	< 2	< 0.5	< 0.2	77	< 0.5	40.0	661	< 0.4	2.8	81.9	1	6.0	15	2.0	9.5	2.64
884358	437	135	< 2	15	40	< 2	< 0.5	< 0.2	72	< 0.5	26.9	309	< 0.4	2.3	46.3	< 1	3.4	10	1.3	6.6	
884359	510	60	< 2	21	34	< 2	< 0.5	< 0.2	38	< 0.5	33.1	67	< 0.4	2.7	50.8	< 1	4.5	11	1.2	7.4	
884360	593	44	< 2	18	49	22	< 0.5	< 0.2	103	< 0.5	38.7	103	0.9	1.9	31.3	1	4.6	17	1.7	4.7	
884361	204	447	10	140	9	< 2	0.8	< 0.2	16	< 0.5	90.2	604	0.4	3.4	5.6	< 1	2.1	12	7.5	2.3	
884362	228	369	10	155	10	3	1.2	< 0.2	18	< 0.5	94.1	662	0.8	3.9	11.0	44	2.2	17	7.9	3.4	
884363	985	49	2	31	45	4	0.5	< 0.2	79	< 0.5	72.4	380	0.6	2.4	61.8	1	7.4	14	1.6	6.8	2.71
884364	637	76	3	27	55	< 2	< 0.5	< 0.2	48	< 0.5	37.9	226	0.5	2.7	73.3	2	5.4	14	2.4	7.4	
884365	175	232	12	137	9	< 2	0.9	< 0.2	26	< 0.5	40.3	832	1.1	3.7	5.5	4	1.5	9	8.0	3.1	
884366	173	232	12	137	8	< 2	0.7	< 0.2	21	< 0.5	49.4	820	1.3	3.5	5.1	3	1.4	11	8.5	3.0	
884367	289	319	11	126	8	< 2	0.9	< 0.2	19	< 0.5	143	830	0.6	3.3	3.8	< 1	2.9	14	7.6	2.6	
884368	552	41	3	21	68	< 2	< 0.5	< 0.2	100	< 0.5	50.0	146	1.3	1.8	73.7	1	3.9	18	3.1	8.6	2.74
884369	628	56	< 2	19	49	< 2	< 0.5	< 0.2	91	< 0.5	54.8	199	3.0	2.2	59.1	< 1	5.2	18	2.0	8.3	
884370	2	5	< 2	52	1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	27	< 0.4	1.3	0.1	< 1	0.4	< 5	0.7	0.3	
884371	116	326	12	119	6	< 2	0.8	< 0.2	3	< 0.5	36.5	953	< 0.4	2.8	0.6	< 1	0.9	17	7.0	2.4	
884372	168	469	12	138	6	< 2	0.9	< 0.2	8	< 0.5	76.2	588	0.5	3.5	2.4	< 1	1.7	14	7.0	2.4	
884373	918	49	< 2	12	44	< 2	< 0.5	< 0.2	89	< 0.5	70.4	43	2.6	1.7	58.3	< 1	8.1	18	1.7	5.4	2.67
884374	485	20	< 2	16	41	< 2	< 0.5	< 0.2	72	< 0.5	42.2	32	2.0	2.2	47.6	1	4.3	15	1.7	7.6	
884375	551	38	< 2	13	26	< 2	< 0.5	< 0.2	43	< 0.5	35.3	69	0.7	1.6	46.4	< 1	4.6	17	1.3	8.2	
884376	294	294	12	127	7	< 2	0.7	< 0.2	19	< 0.5	95.0	768	0.5	3.1	2.7	1	3.1	14	6.9	2.5	
884377	166	417	12	141	5	< 2	0.9	< 0.2	5	< 0.5	45.3	635	0.6	3.4	1.0	< 1	1.8	15	7.4	2.5	
884378	632	56	2	11	26	< 2	< 0.5	< 0.2	35	< 0.5	38.2	146	0.9	1.2	31.8	< 1	4.6	14	1.3	5.1	2.70
884379	1040	82	< 2	13	21	4	< 0.5	< 0.2	24	< 0.5	58.7	413	2.3	0.9	20.1	< 1	8.3	28	2.1	8.9	
884380	309	26	3	60	21	12	< 0.5	< 0.2	53	< 0.5	20.1	60	0.5	2.0	14.3	1	2.6	8	2.1	2.6	
884381	158	549	10	122	8	< 2	0.5	< 0.2	10	< 0.5	52.5	659	< 0.4	3.0	9.2	< 1	1.8	20	6.7	2.8	
884382	227	544	12	125	5	< 2	0.7	< 0.2	6	< 0.5	78.6	671	< 0.4	3.0	0.6	< 1	2.3	15	7.2	2.2	
884383	547	28	< 2	10	36	< 2	< 0.5	< 0.2	79	< 0.5	44.2	47	4.2	1.2	42.2	1	4.1	13	1.7	6.2	2.68
884384	629	41	< 2	8	18	3	< 0.5	< 0.2	81	< 0.5	39.1	135	2.6	0.6	11.5	1	4.6	12	1.0	4.0	
884385	373	65	< 2	8	22	< 2	< 0.5	< 0.2	72	< 0.5	32.3	393	1.1	1.0	16.1	< 1	2.8	11	2.8	4.2	
884386	427	64	< 2	6	23	2	< 0.5	< 0.2	74	< 0.5	32.7	329	1.4	0.8	17.3	< 1	3.1	12	0.9	4.6	
884387	359	84	4	20	25	< 2	< 0.5	< 0.2	38	< 0.5	32.2	166	2.2	1.7	28.2	1	2.4	12	2.3	6.9	
884388	266	355	10	120	14	< 2	0.8	< 0.2	24	< 0.5	75.4	688	0.7	3.4	14.8	< 1	2.2	13	6.9	3.1	

Activation Laboratories Ltd. Report: A11-13381

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	

TAN-1 Meas																								
TAN-1 Cert																								
NIST 694 Meas	11.34	1.90	0.76	0.013	0.35	44.09	0.89	0.56	0.120	30.21						1693								
NIST 694 Cert	11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2						1740								
DNC-1 Meas	46.85	18.39	10.00	0.148	10.11	11.21	1.88	0.23	0.479	0.09				31		157	270	58	250	100	70			
DNC-1 Cert	47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070				31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas	68.85	12.64	3.19	0.140	0.14	0.57	2.49	5.41	0.282	0.05				5	4	7								
GBW 07113 Cert	72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500				5.00	4.00	5.00								
LKSD-3 Meas																	70	31			30	150		
LKSD-3 Cert																	87.0	30.0			35.0	152		
W-2a Meas	52.34	15.17	10.76	0.166	6.18	10.82	2.16	0.62	1.081	0.13				35	< 1	280	80	44	60	110	80			
W-2a Cert	52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130				36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		
DTS-2b Meas																	15000	114						
DTS-2b Cert																	15500	120						
SY-4 Meas	49.37	20.34	6.10	0.107	0.50	7.84	6.99	1.66	0.286	0.13				1	3	9								
SY-4 Cert	49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131				1.1	2.6	8.0								
CTA-AC-1 Meas																					50	30		
CTA-AC-1 Cert																					54.0	38.0		
BIR-1a Meas	47.84	15.38	11.36	0.173	9.56	13.29	1.80	0.02	0.975	0.03				44	< 1	340	380	54	170	120	70	15		
BIR-1a Cert	47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021				44	0.58	310	370	52	170	125	70	16		
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.10																						99	
ZW-C Cert	1.13																						99	
ZW-C Meas	1.15																							
ZW-C Cert	1.13																							
ZW-C Meas	1.21																							
ZW-C Cert	1.13																							
NCS DC70014 Meas																		26	70	2600	7400	25		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	4	< 20	980	100	17	11	72
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17			170			
OREAS 100a (Fusion) Cert																		18.1			169			
OREAS 101a (Fusion) Meas																		47			410			
OREAS 101a (Fusion) Cert																		48.8			434			
JR-1 Meas																		< 1	< 20	< 10	30	16		15
JR-1 Cert																		0.83	1.67	2.68	30.6	16.1		16.3
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.22																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.06																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.07																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.04																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.74																							
NCS DC86314 Cert	1.81																							

Activation Laboratories Ltd. Report: A11-13381

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								
884365 Orig	0.08																								
884365 Dup	0.08																								
884375 Orig	0.04	73.08	15.23	0.75	0.054	0.05	0.39	5.78	2.84	0.004	0.18	0.50	98.86	< 1	159	< 5	< 20	< 1	< 20	< 10	< 30	32	4	< 5	
884375 Dup	0.04	74.51	15.60	0.77	0.055	0.05	0.41	5.83	2.89	0.004	0.18	0.50	100.8	< 1	164	< 5	< 20	< 1	< 20	< 10	< 30	31	4	< 5	
884385 Orig	0.51																								
884385 Dup	0.51																								
Method Blank																									
Method Blank																									
Method Blank																									
Method Blank																									
Method Blank	< 0.01																< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-13381

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
TAN-1 Meas																					2350	
TAN-1 Cert																						2360
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		144	15	34						1.4		105										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		42	43	377								503										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	72					< 2	2.2		2	1.6	2.4				0.6	2			10.3	4.5		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60		
W-2a Meas		195	19	86	8	< 2	0.6			0.8	0.9	172	< 0.4	2.3	0.5			9	2.4	0.6		
W-2a Cert		190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500			9.30	2.40	0.530		
DTS-2b Meas																						
DTS-2b Cert																						
SY-4 Meas		1191	110	531								342										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas														1.3	2.8				23.5	4.3		
CTA-AC-1 Cert														1.13	2.65				21.8	4.4		
BIR-1a Meas		110	12	36	< 1					0.6		8		0.5				< 5				
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3				
NCS DC86312 Meas																					25.6	
NCS DC86312 Cert																					23.6	
ZW-C Meas	8390				197						253			9.5	84.3	328	34.1	78				
ZW-C Cert	8500				198						260			9.7	82	320	34	80				
ZW-C Meas																						
ZW-C Cert																						
ZW-C Meas																						
ZW-C Cert																						
NCS DC70014 Meas						270	16.4				180		80.3					27200				
NCS DC70014 Cert						270	16.7				180.000		80.3					27200.00				
NCS DC70009 (GBW07241) Meas	507							1.3	1700	4.6	43.6					2200			29.0			
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00			28.3			
OREAS 100a (Fusion) Meas						23													51.5	143		
OREAS 100a (Fusion) Cert						24.1													51.6	135		
OREAS 101a (Fusion) Meas						20													34.7	419		
OREAS 101a (Fusion) Cert						21.9													36.6	422		
JR-1 Meas	243				14	3	0.6	< 0.2	4	1.8	20.8			4.5	1.9		1.5	19	25.8	9.5		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88		
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						

Activation Laboratories Ltd. Report: A11-13381

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86314 Cert

NCS DC86314 Meas

NCS DC86314 Cert

884365 Orig

884365 Dup

884375 Orig

884375 Dup

884385 Orig

884385 Dup

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

Method Blank

560	38	< 2	13	26	< 2	< 0.5	< 0.2	44	< 0.5	35.7	68	0.8	1.6	45.5	< 1	4.8	18	1.4	8.4			
542	39	< 2	12	27	< 2	< 0.5	< 0.2	42	< 0.5	34.8	69	0.6	1.6	47.3	< 1	4.4	17	1.3	7.9			
					< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	1.00	
< 2																					1.00	
																						1.00



Date Submitted: 15-Nov-11
Invoice No.: A11-13554
Invoice Date: 14-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 3 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13554**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2))

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13554

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884389	0.05	61.64	17.60	5.73	0.067	3.06	2.26	3.68	3.18	0.518	0.23	2.96	100.9	16	34	124	170	19	70	< 10	50	28	5	< 5
884390	< 0.01	96.26	0.36	1.15	0.011	0.02	0.04	0.03	0.06	0.031	0.01	0.04	98.01	< 1	< 1	6	< 20	1	< 20	< 10	< 30	1	3	< 5
884391	< 0.01	82.96	4.31	1.67	0.070	0.43	7.25	0.09	0.46	0.064	0.24	3.16	100.7	3	3	29	30	5	30	10	< 30	12	6	< 5
884392	0.05	61.25	15.53	6.91	0.096	3.45	2.67	3.15	2.74	0.623	0.16	2.58	99.15	18	3	129	220	25	100	50	50	19	4	< 5

Activation Laboratories Ltd. Report: A11-13554

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884389	371	180	12	102	27	< 2	< 0.5	< 0.2	69	< 0.5	99.5	668	0.8	3.7	85.1	2	2.7	11	6.1	3.0
884390	3	8	< 2	55	< 1	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	24	< 0.4	1.5	0.3	< 1	0.1	< 5	0.7	0.3
884391	35	54	7	10	5	< 2	< 0.5	< 0.2	68	< 0.5	5.6	91	0.4	0.3	1.9	2	0.2	< 5	0.7	0.5
884392	134	312	12	122	6	< 2	0.6	< 0.2	6	< 0.5	36.9	734	< 0.4	3.2	0.6	1	0.8	14	7.3	2.2

Activation Laboratories Ltd. Report: A11-13554

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.44	1.92	0.75	0.013	0.36	44.23	0.89	0.55	0.117	30.23					1677									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.11	18.27	9.67	0.147	9.98	11.19	1.90	0.23	0.476	0.09			31	154	270	58	250	100	60					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31	148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas		71.09	12.68	3.20	0.141	0.14	0.58	2.47	5.42	0.277	0.04			5	4	6									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	80	31	50	30				32	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	240	100	350						
TDB-1 Cert																	251	92	323						
W-2a Meas		52.32	15.32	10.64	0.166	6.26	10.81	2.19	0.61	1.069	0.13			35	< 1	274	90	43	80	130	90	17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.74	20.79	6.21	0.108	0.51	7.90	6.87	1.65	0.289	0.13			1	3	6									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																			< 1	60	40				
CTA-AC-1 Cert																			2.72	54.0	38.0				
BIR-1a Meas		47.76	15.79	11.02	0.170	9.56	13.04	1.82	0.02	0.970	0.02			43	< 1	334	370	53	160	130	70	15		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.17																				1100	97			
ZW-C Cert	1.13																				1050	99			
NCS DC70014 Meas																			26	70	2620	7400	25		
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920	80	16	11	68	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			17	160					
OREAS 100a (Fusion) Cert																			18.1	169					
OREAS 101a (Fusion) Meas																			48	430					
OREAS 101a (Fusion) Cert																			48.8	434					
OREAS 101b (Fusion) Meas																			46	< 20	420				
OREAS 101b (Fusion) Cert																			47	9	416				
JR-1 Meas																	< 20	< 1	< 20	10	< 30	16	4	18	
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.81																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.74																								
NCS DC86314 Cert	1.81																								
884392 Orig	0.05	61.25	15.53	6.91	0.096	3.45	2.67	3.15	2.74	0.623	0.16	2.58	99.15	18	3	129	220	25	100	50	50	19	4	< 5	
884392 Split	0.05	61.26	15.62	6.98	0.097	3.48	2.70	3.12	2.74	0.624	0.15	2.64	99.42	18	3	131	220	25	90	50	50	18	4	< 5	
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-13554

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		142	16	36						1.2		105									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		40	44	386								497									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	76					< 2	2.2		3	1.5	2.5			4.5	0.7	2			10.4	4.3	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60	
TDB-1 Meas	21																			2.6	
TDB-1 Cert	23																			2.7	
W-2a Meas	19	192	18	87	7	< 2	< 0.5			1.4	0.9	173	< 0.4	2.5	0.5	< 1	< 0.1	11	2.3	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530	
SY-4 Meas		1204	116	542								343									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas															2.7					22.9	4.1
CTA-AC-1 Cert															2.65					21.8	4.4
BIR-1a Meas		106	13	15	< 1					0.9		9		0.6					< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60					3		
NCS DC86312 Meas																				25.7	
NCS DC86312 Cert																				23.6	
ZW-C Meas															83.8						
ZW-C Cert															82						
NCS DC70014 Meas						270	16.7			180			80.3						27200		
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	502						3.0	1.3	1700		42.3					2200				28.5	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		41					2200.00				28.3	
OREAS 100a (Fusion) Meas						22														49.7	132
OREAS 100a (Fusion) Cert						24.1														51.6	135
OREAS 101a (Fusion) Meas						21														36.0	423
OREAS 101a (Fusion) Cert						21.9														36.6	422
OREAS 101b (Fusion) Meas						21														37.2	394
OREAS 101b (Fusion) Cert						20.9														37.1	396
JR-1 Meas	244				14	3	0.6	< 0.2	4		20.8		0.6	4.3	1.8	2	1.6	21	26.6	8.7	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86		20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884392 Orig	134	312	12	122	6	< 2	0.6	< 0.2	6	< 0.5	36.9	734	< 0.4	3.2	0.6	1	0.8	14	7.3	2.2	
884392 Split	135	311	13	126	6	< 2	< 0.5	< 0.2	5	< 0.5	37.1	739	< 0.4	3.0	0.6	< 1	0.8	13	7.2	2.2	
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					
Method Blank																					
Method Blank																					



Date Submitted: 15-Nov-11
Invoice No.: A11-13555
Invoice Date: 14-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 17 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13555**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13555

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884568	0.08	60.08	16.84	6.86	0.107	3.15	2.45	2.46	3.31	0.565	0.18	2.07	98.07	13	4	108	110	19	70	70	70	22	5	< 5
884569	0.04	72.36	15.04	0.61	0.039	0.03	0.32	4.46	4.30	0.003	0.27	0.70	98.14	< 1	118	6	< 20	< 1	< 20	< 10	< 30	29	7	< 5
884570	< 0.01	99.21	0.30	0.47	0.006	0.02	0.03	0.02	0.05	0.033	< 0.01	0.18	100.3	< 1	< 1	6	20	< 1	< 20	< 10	< 30	1	3	< 5
884571	0.41	74.20	15.43	0.93	0.105	0.05	0.23	5.23	1.61	0.001	0.26	0.49	98.54	< 1	172	< 5	< 20	< 1	< 20	< 10	40	32	7	< 5
884572	0.59	74.05	15.34	0.86	0.091	0.04	0.20	3.60	2.83	0.001	0.21	0.51	97.75	< 1	169	< 5	< 20	< 1	< 20	< 10	40	30	7	< 5
884573	0.68	73.81	15.53	0.91	0.067	0.10	0.21	2.80	3.51	0.001	0.19	0.63	97.75	< 1	191	< 5	< 20	1	20	< 10	< 30	32	7	< 5
884574	0.49	73.15	15.40	0.84	0.063	0.10	0.20	3.12	4.07	< 0.001	0.19	0.63	97.77	< 1	172	< 5	20	< 1	20	< 10	40	32	7	< 5
884575	0.82	75.84	15.44	1.00	0.095	0.05	0.19	3.01	2.48	0.001	0.22	0.49	98.82	< 1	220	< 5	< 20	1	20	< 10	50	34	8	< 5
884576	0.77	74.17	15.69	0.94	0.091	0.05	0.23	3.36	2.82	0.001	0.25	0.51	98.11	< 1	183	< 5	20	< 1	30	< 10	50	32	9	6
884577	0.84	76.00	15.69	1.14	0.118	0.03	0.20	3.32	1.86	< 0.001	0.24	0.55	99.15	< 1	205	< 5	40	2	40	< 10	80	33	8	7
884578	0.45	75.59	15.60	0.95	0.086	0.03	0.29	4.19	2.66	< 0.001	0.31	0.62	100.3	< 1	158	< 5	30	1	40	< 10	60	32	9	6
884579	0.75	74.64	16.54	1.00	0.124	0.04	0.25	3.91	2.14	0.001	0.29	0.48	99.40	< 1	184	< 5	< 20	< 1	20	< 10	60	34	7	< 5
884580	0.37	85.14	8.02	1.66	0.048	0.05	0.16	1.69	1.30	0.036	0.09	0.10	98.31	< 1	76	< 5	30	1	30	30	50	20	5	< 5
884581	0.92	75.03	16.20	0.99	0.124	0.04	0.18	3.13	2.20	0.001	0.22	0.41	98.54	< 1	189	5	20	< 1	30	< 10	70	35	8	< 5
884582	0.72	74.60	16.05	0.98	0.131	0.03	0.27	3.52	2.93	< 0.001	0.26	0.52	99.29	< 1	166	< 5	40	2	40	< 10	70	33	9	7
884583	0.70	74.02	15.81	0.92	0.099	0.05	0.24	3.48	2.67	0.001	0.26	0.51	98.06	< 1	169	< 5	< 20	< 1	20	< 10	50	33	7	< 5
884584	0.57	73.65	16.33	0.77	0.108	0.04	0.20	4.59	2.17	0.001	0.22	0.52	98.61	< 1	171	< 5	< 20	< 1	< 20	< 10	70	32	8	< 5
884585	0.14	63.68	15.56	6.39	0.097	3.13	1.92	2.14	3.61	0.514	0.26	1.59	98.89	13	11	96	100	19	70	< 10	100	22	5	< 5
884586	0.11	65.00	16.25	5.27	0.125	2.52	1.58	1.56	3.92	0.403	0.40	2.08	99.11	10	53	76	80	15	60	< 10	70	29	6	< 5

Activation Laboratories Ltd. Report: A11-13555

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884568	260	362	11	155	8	< 2	0.7	< 0.2	9	< 0.5	42.3	751	0.6	3.9	0.6	3	1.9	21	11.5	3.4		
884569	1010	28	< 2	17	17	< 2	< 0.5	< 0.2	71	< 0.5	48.3	33	0.9	2.0	22.2	< 1	7.6	10	1.4	1.8		
884570	3	6	< 2	52	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	23	< 0.4	1.4	< 0.1	< 1	0.2	< 5	0.6	0.3		
884571	497	21	< 2	20	20	< 2	< 0.5	< 0.2	86	< 0.5	33.7	32	3.9	2.7	26.4	3	3.5	9	2.0	5.8		
884572	958	23	< 2	17	19	< 2	< 0.5	< 0.2	73	< 0.5	56.5	20	3.6	2.7	28.8	< 1	7.5	11	1.5	5.1		
884573	1050	43	< 2	19	17	< 2	< 0.5	< 0.2	82	< 0.5	57.4	102	1.7	2.8	23.3	< 1	8.2	11	1.4	4.4		
884574	1150	43	< 2	10	17	< 2	< 0.5	< 0.2	96	< 0.5	66.5	132	2.1	1.9	22.9	< 1	9.2	11	1.1	2.8		
884575	912	28	< 2	10	23	< 2	< 0.5	< 0.2	113	< 0.5	67.7	25	3.5	1.9	31.9	< 1	7.2	9	1.2	4.0		
884576	972	27	< 2	15	28	< 2	< 0.5	< 0.2	109	< 0.5	73.4	40	2.1	2.5	43.1	2	7.7	12	1.2	3.6		
884577	537	23	< 2	26	21	< 2	< 0.5	< 0.2	92	< 0.5	39.0	39	2.7	2.9	26.6	< 1	3.9	11	1.6	5.2		
884578	856	30	< 2	22	26	< 2	< 0.5	< 0.2	93	< 0.5	66.3	34	6.1	2.2	24.8	2	6.7	14	1.5	5.5		
884579	748	31	< 2	16	22	< 2	< 0.5	< 0.2	94	< 0.5	60.9	27	4.0	2.1	33.9	< 1	5.7	12	1.4	5.0	2.72	
884580	324	24	2	60	20	12	< 0.5	< 0.2	58	0.8	21.2	59	0.5	2.1	13.4	2	2.4	10	2.3	2.8		
884581	777	24	< 2	19	20	< 2	< 0.5	< 0.2	106	< 0.5	56.3	40	4.0	2.3	28.5	< 1	6.2	11	1.4	4.6		
884582	863	49	< 2	19	28	< 2	< 0.5	< 0.2	99	< 0.5	66.1	110	5.0	2.1	28.8	1	7.0	14	1.2	5.3		
884583	827	35	< 2	16	24	< 2	< 0.5	< 0.2	100	< 0.5	61.8	78	3.0	2.3	37.7	< 1	6.8	13	1.5	6.1		
884584	735	21	< 2	16	25	< 2	< 0.5	< 0.2	87	< 0.5	49.3	34	2.3	2.5	33.2	< 1	5.9	10	1.1	3.4		
884585	676	300	10	144	11	< 2	0.7	< 0.2	63	0.5	187	663	< 0.4	3.7	2.5	2	6.6	16	10.1	3.6		
884586	737	220	9	116	23	< 2	< 0.5	< 0.2	109	< 0.5	145	605	0.6	3.6	16.3	3	5.1	12	8.8	3.6		

Activation Laboratories Ltd. Report: A11-13555

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.44	1.92	0.75	0.013	0.36	44.23	0.89	0.55	0.117	30.23					1677									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.11	18.27	9.67	0.147	9.98	11.19	1.90	0.23	0.476	0.09			31	154	270	58	250	100	60					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31	148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas		71.09	12.68	3.20	0.141	0.14	0.58	2.47	5.42	0.277	0.04			5	4	6									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	80	31	50	30				32	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	240	100	350						
TDB-1 Cert																	251	92	323						
W-2a Meas		52.32	15.32	10.64	0.166	6.26	10.81	2.19	0.61	1.069	0.13			35	< 1	274	90	43	80	130	90	17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.74	20.79	6.21	0.108	0.51	7.90	6.87	1.65	0.289	0.13			1	3	6									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																		< 1		60	40				
CTA-AC-1 Cert																		2.72		54.0	38.0				
BIR-1a Meas		47.76	15.79	11.02	0.170	9.56	13.04	1.82	0.02	0.970	0.02			43	< 1	334	370	53	160	130	70	15		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.17																				1100	97			
ZW-C Cert	1.13																				1050	99			
NCS DC70014 Meas																		26	70	2620	7400	25			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920	80	16	11	68	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		17		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		48		430					
OREAS 101a (Fusion) Cert																		48.8		434					
OREAS 101b (Fusion) Meas																		46	< 20	420					
OREAS 101b (Fusion) Cert																		47	9	416					
JR-1 Meas																	< 20	< 1	< 20	10	< 30	16	4	18	
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.81																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.74																								
NCS DC86314 Cert	1.81																								
884572 Orig	0.60																								
884572 Dup	0.59																								
884577 Orig		76.40	15.61	1.15	0.118	0.02	0.20	3.33	1.86	< 0.001	0.25	0.55	99.50	< 1	206	< 5	40	2	40	< 10	80	33	8	8	
884577 Dup		75.59	15.77	1.14	0.117	0.03	0.20	3.30	1.85	< 0.001	0.24	0.55	98.79	< 1	204	< 5	30	1	30	< 10	80	32	8	6	
884578 Orig		75.99	15.71	0.96	0.086	0.03	0.29	4.21	2.67	< 0.001	0.31	0.62	100.9	< 1	159	6	30	1	40	< 10	60	32	8	6	
884578 Dup		75.19	15.49	0.94	0.085	0.03	0.29	4.16	2.66	< 0.001	0.31	0.62	99.77	< 1	157	< 5	30	1	40	< 10	60	32	9	6	
884582 Orig	0.72	75.44	16.22	0.99	0.133	0.03	0.27	3.55	2.96	< 0.001	0.27	0.52	100.4	< 1	169	< 5	30	2	40	< 10	70	33	9	6	

Activation Laboratories Ltd. Report: A11-13555

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884582 Dup	0.72	73.75	15.88	0.97	0.129	0.03	0.27	3.49	2.91	< 0.001	0.26	0.52	98.20	< 1	164	< 5	40	2	40	< 10	80	33	10	8
884586 Orig	0.11	65.00	16.25	5.27	0.125	2.52	1.58	1.56	3.92	0.403	0.40	2.08	99.11	10	53	76	80	15	60	< 10	70	29	6	< 5
884586 Split	0.10	64.35	16.07	5.20	0.125	2.49	1.59	1.53	3.84	0.398	0.41	2.07	98.07	10	51	75	80	15	60	< 10	80	29	6	< 5
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01																							
Method Blank	< 0.01																							
Method Blank	< 0.01																							

Activation Laboratories Ltd. Report: A11-13555

Quality Control

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		142	16	36						1.2		105										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		40	44	386								497										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	76					< 2	2.2		3	1.5	2.5			4.5	0.7	2			10.4	4.3		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60		
TDB-1 Meas	21																			2.6		
TDB-1 Cert	23																			2.7		
W-2a Meas	19	192	18	87	7	< 2	< 0.5			1.4	0.9	173	< 0.4	2.5	0.5	< 1	< 0.1	11	2.3	0.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530		
SY-4 Meas		1204	116	542								343										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas															2.7					22.9	4.1	
CTA-AC-1 Cert															2.65					21.8	4.4	
BIR-1a Meas		106	13	15	< 1					0.9		9		0.6					< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60					3			
NCS DC86312 Meas																					25.7	
NCS DC86312 Cert																					23.6	
ZW-C Meas															83.8							
ZW-C Cert															82							
NCS DC70014 Meas						270	16.7			180			80.3						27200			
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00			
NCS DC70009 (GBW07241) Meas	502						3.0	1.3	1700		42.3					2200				28.5		
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		41					2200.00				28.3		
OREAS 100a (Fusion) Meas						22														49.7	132	
OREAS 100a (Fusion) Cert						24.1														51.6	135	
OREAS 101a (Fusion) Meas						21														36.0	423	
OREAS 101a (Fusion) Cert						21.9														36.6	422	
OREAS 101b (Fusion) Meas						21														37.2	394	
OREAS 101b (Fusion) Cert						20.9														37.1	396	
JR-1 Meas	244				14	3	0.6	< 0.2	4		20.8		0.6	4.3	1.8	2	1.6	21	26.6	8.7		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86		20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88		
SARM 3 Meas					979																	
SARM 3 Cert					978																	
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884572 Orig																						
884572 Dup																						
884577 Orig	536	23	< 2	26	20	< 2	< 0.5	< 0.2	93	1.1	39.4	39	2.4	3.1	25.1	2	3.8	11	1.7	5.3		
884577 Dup	538	23	< 2	26	22	< 2	< 0.5	< 0.2	92	< 0.5	38.5	39	2.9	2.8	28.1	< 1	4.0	10	1.6	5.2		
884578 Orig	859	30	< 2	23	26	< 2	< 0.5	< 0.2	92	< 0.5	66.5	34	5.8	2.1	26.3	2	6.7	13	1.6	5.6		
884578 Dup	853	29	< 2	22	26	< 2	< 0.5	< 0.2	94	< 0.5	66.0	34	6.3	2.3	23.3	2	6.8	14	1.5	5.5		
884582 Orig	849	50	< 2	20	28	< 2	< 0.5	< 0.2	98	< 0.5	64.7	111	5.7	2.1	29.2	1	6.7	13	1.2	5.3		

Activation Laboratories Ltd. Report: A11-13555

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884582 Dup	876	49	< 2	19	28	< 2	< 0.5	< 0.2	100	< 0.5	67.4	108	4.3	2.0	28.4	1	7.2	14	1.2	5.3	
884586 Orig	737	220	9	116	23	< 2	< 0.5	< 0.2	109	< 0.5	145	605	0.6	3.6	16.3	3	5.1	12	8.8	3.6	
884586 Split	706	219	9	116	24	< 2	0.5	< 0.2	107	< 0.5	144	594	0.7	4.0	17.5	3	5.3	14	8.2	3.4	
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					1.00
Method Blank																					
Method Blank																					
Method Blank																					



Date Submitted: 18-Nov-11
Invoice No.: A11-13711
Invoice Date: 13-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 3 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13711

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13711

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884587	0.10	63.19	15.04	6.19	0.111	2.75	2.83	3.04	2.49	0.611	0.16	1.31	97.73	16	4	126	130	23	50	50	90	21	2	< 5
884588	< 0.01	74.20	14.49	0.61	0.027	0.06	0.26	4.86	2.27	0.003	0.11	1.03	97.93	< 1	168	< 5	< 20	< 1	< 20	< 10	< 30	34	5	< 5
884589	0.11	63.53	15.82	6.29	0.096	2.71	2.68	3.57	2.62	0.642	0.14	1.25	99.35	17	2	124	140	23	60	60	90	21	3	< 5
884590	0.71	72.79	15.41	3.25	0.094	0.06	0.29	3.43	2.49	0.004	0.16	-0.03	97.96	< 1	159	< 5	30	2	30	50	110	42	5	< 5

Activation Laboratories Ltd. Report: A11-13711

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884587	300	444	10	126	7	< 2	1.7	< 0.2	17	< 0.5	56.0	570	< 0.4	3.2	1.1	< 1	3.0	18	7.8	2.7		
884588	603	40	< 2	17	30	< 2	< 0.5	< 0.2	103	< 0.5	38.8	98	< 0.4	2.6	48.3	1	3.8	6	1.4	1.8	2.65	
884589	165	493	11	133	7	< 2	1.6	< 0.2	4	< 0.5	69.1	558	0.5	3.3	0.7	< 1	1.2	16	7.8	2.5		
884590	740	46	< 2	18	51	24	0.6	< 0.2	124	< 0.5	50.8	114	0.5	1.9	40.0	3	5.6	17	1.8	5.1		

Activation Laboratories Ltd. Report: A11-13711

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.44	1.90	0.74	0.013	0.34	42.90	0.87	0.55	0.117	30.20					1669										
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740										
DNC-1 Meas		47.31	18.63	10.52	0.147	10.07	11.50	1.91	0.22	0.485	0.07			32	157	270	57	260	100	70						
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31	148.0	270.000	57.0	247.000	100.0	70.0						
GBW 07113 Meas		70.17	12.71	3.17	0.140	0.14	0.59	2.46	5.42	0.277	0.05			5	4	7										
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00										
LKSD-3 Meas																	70	31	50	30	150			24		
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0		
TDB-1 Meas																	260	90	330							
TDB-1 Cert																	251	92	323							
W-2a Meas		52.51	15.56	11.46	0.166	6.27	11.06	2.21	0.62	1.088	0.14			36	< 1	280	100	47	80	110	80	18	2	< 5		
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20		
SY-4 Meas		49.96	20.70	6.92	0.108	0.50	8.11	6.99	1.69	0.288	0.13			< 1	3	10										
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0										
CTA-AC-1 Meas																		9		50	< 30					
CTA-AC-1 Cert																		2.72		54.0	38.0					
BIR-1a Meas		47.71	15.61	11.82	0.170	9.35	13.39	1.79	0.02	0.952	0.04			43	< 1	334	380	53	160	120	70	15				
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16				
NCS DC86312 Meas																										
NCS DC86312 Cert																										
ZW-C Meas	1.15																				1140	97				
ZW-C Cert	1.13																				1050	99				
NCS DC70014 Meas																		27	70	2590	7410	26				
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2				
NCS DC70009 (GBW07241) Meas																	30	4	< 20	1000	100	17	11	71		
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9		
OREAS 100a (Fusion) Meas																		17		170						
OREAS 100a (Fusion) Cert																		18.1		169						
OREAS 101a (Fusion) Meas																		46		420						
OREAS 101a (Fusion) Cert																		48.8		434						
OREAS 101b (Fusion) Meas																		49	< 20	440						
OREAS 101b (Fusion) Cert																		47	9	416						
JR-1 Meas																	< 20	< 1	< 20	< 10	30	15	3	14		
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3		
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.08																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.82																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.72																									
NCS DC86314 Cert	1.81																									
884589 Orig	0.11	63.53	15.82	6.29	0.096	2.71	2.68	3.57	2.62	0.642	0.14	1.25	99.35	17	2	124	140	23	60	60	90	21	3	< 5		
884589 Split	0.11	62.64	16.10	6.19	0.095	2.68	2.67	3.53	2.57	0.637	0.15	1.25	98.53	16	2	124	140	24	70	60	100	22	2	< 5		
Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-13711

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

Method Blank < 0.01
Method Blank < 0.01

Activation Laboratories Ltd. Report: A11-13711

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		145	15	34						1.0		107										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		41	43	382								497										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	76					< 2	2.6		2	1.2	2.5			4.3	0.7	2			10.4	4.4		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60		
TDB-1 Meas	22																			2.6		
TDB-1 Cert	23																			2.7		
W-2a Meas	21	199	19	85	7	< 2	< 0.5			0.6	0.9	174	< 0.4	2.4	0.5	< 1	< 0.1	7	2.4	0.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530		
SY-4 Meas		1190	114	549								348										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas														1.5	2.8				23.3	4.1		
CTA-AC-1 Cert														1.13	2.65				21.8	4.4		
BIR-1a Meas		109	13	15	< 1					< 0.5		7		0.6				< 5				
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3				
NCS DC86312 Meas																				25.9		
NCS DC86312 Cert																				23.6		
ZW-C Meas	8340														82.2							
ZW-C Cert	8500														82							
NCS DC70014 Meas						270	16.4				180		80.3						27200			
NCS DC70014 Cert						270	16.7				180.000		80.3						27200.00			
NCS DC70009 (GBW07241) Meas	536							1.3	1700	3.1	46.8					2200			28.7			
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00			28.3			
OREAS 100a (Fusion) Meas						22													50.3	140		
OREAS 100a (Fusion) Cert						24.1													51.6	135		
OREAS 101a (Fusion) Meas						20													34.6	420		
OREAS 101a (Fusion) Cert						21.9													36.6	422		
OREAS 101b (Fusion) Meas						20													37.8	415		
OREAS 101b (Fusion) Cert						20.9													37.1	396		
JR-1 Meas	241					3	0.6	< 0.2	3	1.1	20.5		0.6	4.3	1.8	2	1.5	18		8.6		
JR-1 Cert	257					3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3		8.88		
SARM 3 Meas					979																	
SARM 3 Cert					978																	
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884589 Orig	165	493	11	133	7	< 2	1.6	< 0.2	4	< 0.5	69.1	558	0.5	3.3	0.7	< 1	1.2	16	7.8	2.5		
884589 Split	167	492	11	134	7	< 2	1.5	< 0.2	4	< 0.5	71.8	550	0.4	3.4	0.7	< 1	1.3	15	8.0	2.5		
Method Blank																					1.00	
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																						

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

Method Blank

Method Blank



Date Submitted: 18-Nov-11
Invoice No.: A11-13714
Invoice Date: 13-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 8 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13714

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13714

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884613	0.07	63.94	16.58	5.12	0.120	1.84	2.77	3.64	2.41	0.458	0.62	1.66	99.16	11	18	87	120	14	50	30	60	28	6	< 5
884614	0.18	73.78	15.83	0.73	0.052	0.03	0.19	4.85	3.00	0.003	0.21	0.65	99.32	< 1	138	6	< 20	< 1	< 20	10	< 30	33	8	< 5
884615	0.48	72.97	16.66	0.89	0.071	0.05	0.30	4.22	3.01	0.003	0.24	0.60	99.02	< 1	170	5	< 20	< 1	< 20	< 10	30	37	7	< 5
884616	0.09	64.71	15.45	6.22	0.100	2.32	3.49	3.12	1.87	0.565	0.17	1.02	99.03	13	8	110	130	18	50	40	90	19	5	< 5
884617	0.08	64.58	15.40	6.21	0.114	2.44	4.27	3.13	1.57	0.608	0.13	0.88	99.31	16	2	130	130	21	60	30	90	18	5	< 5
884618	0.64	73.72	16.39	0.96	0.075	0.09	0.33	3.63	2.78	0.015	0.27	0.52	98.77	< 1	146	7	20	2	30	10	40	36	9	< 5
884619	0.49	73.12	16.27	0.96	0.074	0.06	0.34	4.40	2.24	0.003	0.23	0.62	98.32	< 1	212	< 5	< 20	1	20	20	< 30	37	8	< 5
884620	0.70	72.39	15.22	3.29	0.095	0.06	0.26	3.21	2.37	0.003	0.17	-0.01	97.07	< 1	156	< 5	40	2	40	50	100	39	9	< 5
884621	0.09	65.15	15.75	4.76	0.108	1.81	2.64	3.97	2.12	0.460	0.36	1.06	98.18	11	36	90	110	15	50	< 10	70	23	7	< 5

Activation Laboratories Ltd. Report: A11-13714

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884613	550	370	9	135	20	< 2	< 0.5	< 0.2	62	< 0.5	74.1	320	1.2	3.8	23.6	4	3.5	10	7.1	4.2		
884614	818	33	< 2	15	25	< 2	< 0.5	< 0.2	55	< 0.5	42.7	23	2.5	2.0	37.6	< 1	5.5	10	1.2	3.0	2.67	
884615	964	39	< 2	14	33	< 2	< 0.5	< 0.2	69	< 0.5	60.3	71	5.4	2.1	51.3	< 1	6.4	11	1.2	3.3		
884616	224	587	9	139	7	< 2	< 0.5	< 0.2	7	< 0.5	95.3	422	0.5	3.6	2.9	< 1	2.0	14	7.4	2.3		
884617	119	528	11	129	6	< 2	< 0.5	< 0.2	4	< 0.5	27.0	602	0.7	3.1	0.5	8	1.0	15	6.9	1.7		
884618	905	44	< 2	18	55	< 2	< 0.5	< 0.2	96	< 0.5	68.4	58	4.8	2.7	84.8	1	6.1	12	1.5	4.3		
884619	651	44	< 2	17	46	< 2	< 0.5	< 0.2	71	< 0.5	50.4	125	7.2	2.4	86.0	1	3.9	10	1.4	4.1	2.73	
884620	656	43	< 2	18	44	20	< 0.5	< 0.2	76	< 0.5	38.0	100	1.5	2.1	34.0	1	4.1	15	1.9	5.1		
884621	595	394	9	98	14	< 2	< 0.5	< 0.2	42	< 0.5	187	500	1.9	3.0	18.5	1	4.7	11	5.2	2.6		

Activation Laboratories Ltd. Report: A11-13714

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.44	1.92	0.75	0.013	0.36	44.23	0.89	0.55	0.117	30.23					1677									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.11	18.27	9.67	0.147	9.98	11.19	1.90	0.23	0.476	0.09			31	154	270	58	250	100	60					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31	148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas		71.09	12.68	3.20	0.141	0.14	0.58	2.47	5.42	0.277	0.04			5	4	6									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	80	31	50	30				32	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	240	100	350						
TDB-1 Cert																	251	92	323						
W-2a Meas		52.32	15.32	10.64	0.166	6.26	10.81	2.19	0.61	1.069	0.13			35	< 1	274	90	43	80	130	90	17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.74	20.79	6.21	0.108	0.51	7.90	6.87	1.65	0.289	0.13			1	3	6									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																		< 1		60	40				
CTA-AC-1 Cert																		2.72		54.0	38.0				
BIR-1a Meas		47.76	15.79	11.02	0.170	9.56	13.04	1.82	0.02	0.970	0.02			43	< 1	334	370	53	160	130	70	15		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.15																				1100	97			
ZW-C Cert	1.13																				1050	99			
NCS DC70014 Meas																		26	70	2620	7400	25			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920	80	16	11	68	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		17		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		48		430					
OREAS 101a (Fusion) Cert																		48.8		434					
OREAS 101b (Fusion) Meas																		46	< 20	420					
OREAS 101b (Fusion) Cert																		47	9	416					
JR-1 Meas																	< 20	< 1	< 20	10	< 30	16	4	18	
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.08																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.82																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.72																								
NCS DC86314 Cert	1.81																								
884617 Orig	0.07																								
884617 Dup	0.08																								
884619 Orig		72.95	16.47	0.96	0.073	0.06	0.34	4.43	2.28	0.003	0.23	0.62	98.41	< 1	209	< 5	< 20	1	20	20	< 30	37	8	< 5	
884619 Dup		73.28	16.07	0.97	0.074	0.06	0.33	4.38	2.21	0.003	0.23	0.62	98.23	< 1	216	< 5	< 20	1	20	20	< 30	36	7	< 5	
884621 Orig	0.09	65.15	15.75	4.76	0.108	1.81	2.64	3.97	2.12	0.460	0.36	1.06	98.18	11	36	90	110	15	50	< 10	70	23	7	< 5	

Activation Laboratories Ltd. Report: A11-13714

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884621 Split	0.09	65.43	15.54	4.71	0.107	1.77	2.63	3.95	2.11	0.459	0.36	1.05	98.14	11	35	90	110	15	70	< 10	70	23	7	7
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01																							
Method Blank	< 0.01																							
Method Blank	< 0.01																							

Activation Laboratories Ltd. Report: A11-13714

Quality Control

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		142	16	36						1.2		105										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		40	44	386								497										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	76					< 2	2.2		3	1.5	2.5			4.5	0.7	2			10.4	4.3		
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60		
TDB-1 Meas	21																			2.6		
TDB-1 Cert	23																			2.7		
W-2a Meas	19	192	18	87	7	< 2	< 0.5			1.4	0.9	173	< 0.4	2.5	0.5	< 1	< 0.1	11	2.3	0.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530		
SY-4 Meas		1204	116	542								343										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas															2.7					22.9	4.1	
CTA-AC-1 Cert															2.65					21.8	4.4	
BIR-1a Meas		106	13	15	< 1					0.9		9		0.6					< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60					3			
NCS DC86312 Meas																					25.7	
NCS DC86312 Cert																					23.6	
ZW-C Meas															83.8							
ZW-C Cert															82							
NCS DC70014 Meas						270	16.7			180			80.3						27200			
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00			
NCS DC70009 (GBW07241) Meas	502						3.0	1.3	1700		42.3					2200				28.5		
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		41					2200.00				28.3		
OREAS 100a (Fusion) Meas						22														49.7	132	
OREAS 100a (Fusion) Cert						24.1														51.6	135	
OREAS 101a (Fusion) Meas						21														36.0	423	
OREAS 101a (Fusion) Cert						21.9														36.6	422	
OREAS 101b (Fusion) Meas						21														37.2	394	
OREAS 101b (Fusion) Cert						20.9														37.1	396	
JR-1 Meas	244			14	3	0.6	< 0.2	4		20.8		0.6	4.3	1.8	2	1.6	21	26.6	8.7			
JR-1 Cert	257			15.2	3.25	0.031	0.028	2.86		20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88			
SARM 3 Meas				979																		
SARM 3 Cert				978																		
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884617 Orig																						
884617 Dup																						
884619 Orig	661	44	< 2	15	44	< 2	< 0.5	< 0.2	72	< 0.5	51.4	126	7.5	2.3	88.6	1	4.1	11	1.4	4.2		
884619 Dup	641	45	< 2	20	49	< 2	< 0.5	< 0.2	71	< 0.5	49.5	124	7.0	2.5	83.4	1	3.7	10	1.3	4.0		
884621 Orig	595	394	9	98	14	< 2	< 0.5	< 0.2	42	< 0.5	187	500	1.9	3.0	18.5	1	4.7	11	5.2	2.6		

Activation Laboratories Ltd. Report: A11-13714

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884621 Split	587	391	10	96	16	< 2	< 0.5	< 0.2	43	< 0.5	186	500	1.9	3.0	19.7	1	4.6	10	5.5	2.7	
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					1.00
Method Blank																					
Method Blank																					
Method Blank																					



Date Submitted: 18-Nov-11
Invoice No.: A11-13720
Invoice Date: 12-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 13 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13720**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13720

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884598	0.13	63.69	15.36	7.13	0.147	3.02	3.18	2.89	2.10	0.621	0.20	1.42	99.75	14	10	114	150	25	60	40	90	22	3	< 5
884599	0.24	74.32	15.64	0.84	0.069	0.06	0.24	4.60	2.77	0.002	0.18	0.69	99.42	< 1	133	6	< 20	1	< 20	10	30	37	5	< 5
884600	< 0.01	99.85	0.29	0.62	0.007	0.01	0.02	0.02	0.05	0.029	< 0.01	0.03	100.9	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	2	< 5
884601	0.15	73.69	15.14	0.80	0.055	0.06	0.23	4.49	3.14	0.001	0.19	0.66	98.46	< 1	89	6	< 20	< 1	< 20	< 10	< 30	35	6	< 5
884602	0.24	72.86	15.45	0.79	0.051	0.04	0.20	3.69	3.88	0.001	0.16	0.72	97.85	< 1	149	< 5	< 20	< 1	< 20	10	40	35	5	< 5
884603	0.06	71.66	16.70	0.72	0.037	0.05	0.23	4.53	3.24	0.002	0.22	1.05	98.44	< 1	129	< 5	< 20	< 1	< 20	< 10	< 30	42	6	< 5
884604	0.47	76.24	15.06	0.90	0.069	0.06	0.21	3.47	3.52	0.001	0.19	0.48	100.2	< 1	159	7	< 20	< 1	< 20	< 10	40	35	6	< 5
884605	0.70	73.08	15.71	0.91	0.084	0.07	0.23	3.10	2.89	< 0.001	0.23	0.47	96.77	< 1	188	< 5	30	1	30	< 10	140	34	8	6
884606	0.46	73.39	16.18	0.81	0.078	0.04	0.23	4.17	2.99	0.001	0.28	0.48	98.65	< 1	198	< 5	< 20	< 1	< 20	< 10	40	35	6	< 5
884607	0.67	72.79	16.94	0.91	0.111	0.04	0.26	4.06	2.44	< 0.001	0.31	0.39	98.26	< 1	183	5	< 20	< 1	< 20	< 10	40	38	6	< 5
884608	0.65	74.10	15.72	0.91	0.111	0.04	0.30	4.18	2.14	0.001	0.32	0.44	98.26	< 1	181	< 5	30	2	40	10	60	34	10	7
884609	0.74	74.21	15.75	1.03	0.122	0.04	0.26	3.45	2.25	0.002	0.31	0.46	97.89	< 1	169	< 5	40	1	50	< 10	60	35	10	7
884610	0.37	84.71	8.27	1.64	0.048	0.04	0.15	1.68	1.32	0.033	0.07	0.09	98.05	< 1	75	< 5	30	1	< 20	40	60	22	4	< 5
884611	0.68	75.71	15.87	0.98	0.113	0.04	0.26	3.79	2.31	0.002	0.28	0.38	99.74	< 1	166	< 5	< 20	< 1	< 20	< 10	40	37	6	< 5
884612	0.45	73.98	16.14	1.12	0.098	0.05	0.30	5.20	1.92	0.002	0.29	0.41	99.51	< 1	115	< 5	< 20	1	< 20	< 10	60	35	6	< 5

Activation Laboratories Ltd. Report: A11-13720

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884598	321	567	12	164	7	< 2	1.6	< 0.2	10	< 0.5	97.3	403	0.7	3.9	1.4	< 1	3.6	14	9.4	3.4		
884599	730	33	< 2	15	17	< 2	< 0.5	< 0.2	71	< 0.5	45.7	57	2.5	2.0	22.2	1	6.0	10	1.1	3.2		
884600	< 2	4	< 2	67	< 1	< 2	0.6	< 0.2	< 1	< 0.5	< 0.5	24	< 0.4	1.7	< 0.1	< 1	0.2	< 5	0.7	0.4		
884601	812	32	< 2	15	19	< 2	< 0.5	< 0.2	63	< 0.5	46.5	68	1.5	2.0	29.1	1	6.7	10	1.5	2.9	2.69	
884602	982	29	< 2	13	12	< 2	< 0.5	< 0.2	69	< 0.5	54.4	47	2.0	1.4	14.0	1	8.4	9	0.9	2.1		
884603	904	29	< 2	19	24	< 2	< 0.5	< 0.2	87	< 0.5	54.3	40	0.8	2.4	20.9	2	7.5	8	1.6	2.7		
884604	998	39	< 2	10	16	< 2	< 0.5	< 0.2	72	< 0.5	65.6	78	0.8	1.7	19.4	< 1	8.8	9	1.6	3.4		
884605	1020	35	< 2	13	35	< 2	< 0.5	< 0.2	73	< 0.5	78.9	59	1.5	2.4	43.1	2	8.1	9	1.3	4.0		
884606	1130	33	< 2	14	27	< 2	< 0.5	< 0.2	63	< 0.5	113	39	2.3	2.3	51.5	< 1	11.1	10	1.4	4.0		
884607	918	33	< 2	17	28	< 2	< 0.5	< 0.2	84	< 0.5	74.3	47	3.9	2.5	36.6	< 1	9.1	10	1.5	5.0		
884608	811	30	< 2	20	36	< 2	< 0.5	< 0.2	80	0.6	59.9	41	3.2	3.0	39.9	1	6.5	14	1.4	6.7		
884609	831	25	< 2	18	32	< 2	< 0.5	< 0.2	91	< 0.5	69.1	30	6.3	2.8	54.2	1	6.4	11	1.5	4.7		
884610	342	24	2	63	24	12	0.5	< 0.2	47	< 0.5	26.6	60	0.6	2.1	16.1	1	3.3	10	2.2	2.6		
884611	802	26	< 2	12	16	< 2	< 0.5	< 0.2	77	< 0.5	69.5	38	3.9	1.8	20.3	< 1	7.2	11	1.3	5.0		
884612	601	32	< 2	14	26	< 2	< 0.5	< 0.2	66	< 0.5	56.9	55	1.4	2.0	37.3	< 1	5.4	9	1.2	4.2		

Activation Laboratories Ltd. Report: A11-13720

Quality Control

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas		11.44	1.90	0.74	0.013	0.34	42.90	0.87	0.55	0.117	30.20					1669								
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas		47.31	18.63	10.52	0.147	10.07	11.50	1.91	0.22	0.485	0.07			32	157	270	57	260	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas		70.17	12.71	3.17	0.140	0.14	0.59	2.46	5.42	0.277	0.05			5	4	7								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	70	31	50	30	150			24
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0
TDB-1 Meas																	260		90	330				
TDB-1 Cert																	251		92	323				
W-2a Meas		52.51	15.56	11.46	0.166	6.27	11.06	2.21	0.62	1.088	0.14			36	< 1	280	100	47	80	110		18	2	< 5
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20
SY-4 Meas		49.96	20.70	6.92	0.108	0.50	8.11	6.99	1.69	0.288	0.13			< 1	3	10								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																		9		50	< 30			
CTA-AC-1 Cert																		2.72		54.0	38.0			
BIR-1a Meas		47.71	15.61	11.82	0.170	9.35	13.39	1.79	0.02	0.952	0.04			43	< 1	334	380	53	160	120	70	15		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.15																				1140	97		
ZW-C Cert	1.13																				1050	99		
NCS DC70014 Meas																		27	70	2590	7410	26		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	4	< 20	1000	100	17	11	71
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17		170				
OREAS 100a (Fusion) Cert																		18.1		169				
OREAS 101a (Fusion) Meas																		46		420				
OREAS 101a (Fusion) Cert																		48.8		434				
OREAS 101b (Fusion) Meas																		49	< 20	440				
OREAS 101b (Fusion) Cert																		47	9	416				
JR-1 Meas																	< 20	< 1	< 20	< 10	30	15	3	14
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3
SARM 3 Meas																								
SARM 3 Cert																								
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.08																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.82																							
NCS DC86314 Cert	1.81																							
NCS DC86314 Meas	1.72																							
NCS DC86314 Cert	1.81																							
884602 Orig	0.24																							
884602 Dup	0.24																							
884612 Orig	0.45	73.98	16.14	1.12	0.098	0.05	0.30	5.20	1.92	0.002	0.29	0.41	99.51	< 1	115	< 5	< 20	1	< 20	< 10	60	35	6	< 5
884612 Split	0.44	73.21	15.55	1.07	0.096	0.05	0.31	5.02	1.85	0.002	0.28	0.44	97.89	< 1	112	< 5	< 20	< 1	< 20	< 10	40	35	6	< 5
884612 Orig	0.46																							

Activation Laboratories Ltd. Report: A11-13720

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

884612 Dup	0.45																								
Method Blank																									
Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-13720

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		145	15	34						1.0		107									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	43	382								497									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	76					< 2	2.6		2	1.2	2.5			4.3	0.7	2			10.4	4.4	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60	
TDB-1 Meas	22																			2.6	
TDB-1 Cert	23																			2.7	
W-2a Meas	21	199	19	85	7	< 2	< 0.5			0.6	0.9	174	< 0.4	2.4	0.5	< 1	< 0.1	7	2.4	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530	
SY-4 Meas		1190	114	549								348									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.5	2.8				23.3	4.1	
CTA-AC-1 Cert														1.13	2.65				21.8	4.4	
BIR-1a Meas		109	13	15	< 1					< 0.5		7		0.6				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																				25.9	
NCS DC86312 Cert																				23.6	
ZW-C Meas	8340														82.2						
ZW-C Cert	8500														82						
NCS DC70014 Meas						270	16.4			180			80.3						27200		
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	536							1.3	1700	3.1	46.8					2200			28.7		
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00			28.3		
OREAS 100a (Fusion) Meas						22													50.3	140	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas						20													34.6	420	
OREAS 101a (Fusion) Cert						21.9													36.6	422	
OREAS 101b (Fusion) Meas						20													37.8	415	
OREAS 101b (Fusion) Cert						20.9													37.1	396	
JR-1 Meas	241					3	0.6	< 0.2	3	1.1	20.5		0.6	4.3	1.8	2	1.5	18		8.6	
JR-1 Cert	257					3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3		8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884602 Orig																					
884602 Dup																					
884612 Orig	601	32	< 2	14	26	< 2	< 0.5	< 0.2	66	< 0.5	56.9	55	1.4	2.0	37.3	< 1	5.4	9	1.2	4.2	
884612 Split	617	31	< 2	14	25	< 2	< 0.5	< 0.2	65	< 0.5	56.9	49	1.7	1.9	35.4	< 1	5.1	8	1.2	4.3	
884612 Orig																					

Activation Laboratories Ltd. Report: A11-13720

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

884612 Dup
Method Blank
Method Blank < 2
Method Blank < 1 < 2 < 0.5 < 0.2 < 1 < 0.5 < 0.5 < 0.4 < 0.2 < 0.1 < 1 < 0.1 < 5 < 0.1 < 0.1 1.00
Method Blank
Method Blank
Method Blank



Date Submitted: 18-Nov-11
Invoice No.: A11-13757
Invoice Date: 20-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13757**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13757

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884591	0.05	65.93	14.83	5.97	0.114	2.12	4.82	3.20	1.14	0.550	0.15	0.73	99.56	13	2	106	120	21	60	80	80	20	2	< 5
884592	0.19	73.43	15.80	1.83	0.117	0.41	0.90	5.34	1.91	0.100	0.29	0.64	100.8	3	83	23	30	5	< 20	10	50	36	5	< 5
884593	0.72	76.37	15.80	0.93	0.144	0.03	0.20	3.72	2.69	0.001	0.25	0.43	100.6	< 1	123	< 5	< 20	< 1	< 20	< 10	60	36	6	< 5
884594	0.62	75.92	15.09	0.91	0.096	0.03	0.24	3.78	3.09	0.002	0.24	0.48	99.88	< 1	132	6	< 20	2	< 20	10	60	32	5	< 5
884595	0.74	76.33	16.00	0.89	0.118	0.05	0.19	3.58	2.76	0.001	0.21	0.38	100.5	< 1	142	< 5	< 20	< 1	< 20	< 10	80	36	5	< 5
884596	0.59	74.97	15.79	1.00	0.127	0.10	0.33	4.53	2.36	0.012	0.27	0.40	99.88	< 1	141	7	< 20	1	< 20	< 10	50	35	5	< 5
884597	0.11	64.43	14.42	7.37	0.136	2.83	4.01	2.76	1.92	0.649	0.18	1.01	99.71	15	5	124	160	27	70	90	90	20	3	< 5

Activation Laboratories Ltd. Report: A11-13757

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884591	79	587	11	136	6	< 2	1.5	< 0.2	8	< 0.5	17.1	402	< 0.4	3.4	0.5	< 1	0.9	13	6.9	2.3		
884592	609	120	4	41	19	< 2	< 0.5	< 0.2	74	< 0.5	70.9	108	2.0	2.6	15.4	1	5.3	13	2.4	5.9		
884593	873	23	< 2	23	26	< 2	< 0.5	< 0.2	75	< 0.5	49.5	24	2.5	3.0	34.0	< 1	7.8	13	1.1	6.6		
884594	909	27	< 2	13	16	< 2	< 0.5	< 0.2	64	< 0.5	49.0	40	6.6	1.5	14.8	< 1	8.6	16	1.0	6.7		
884595	865	27	< 2	19	19	< 2	< 0.5	< 0.2	64	< 0.5	50.0	47	3.8	2.5	19.3	< 1	8.4	14	1.2	7.4	2.72	
884596	679	46	< 2	20	24	< 2	< 0.5	< 0.2	64	< 0.5	40.0	57	2.7	2.5	36.5	< 1	5.9	13	1.2	5.9		
884597	333	548	14	168	7	< 2	1.5	< 0.2	14	< 0.5	116	442	0.6	4.0	1.0	< 1	4.0	13	9.3	3.4		

Activation Laboratories Ltd. Report: A11-13757

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Sr	Y	Zr	Ba	Spec Grav	LOI	Total	Cr	Co	Ni		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	2	2	4	3	0.01		0.01	20	1	20		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.44	1.90	0.74	0.013	0.34	42.90	0.87	0.55	0.117	30.20			1669												
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2			1740												
DNC-1 Meas		47.31	18.63	10.52	0.147	10.07	11.50	1.91	0.22	0.485	0.07	32		157	145	15	34	107				270	57	260		
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070	31		148.0	144.0	18.0	38	118				270.000	57.0	247.000		
GBW 07113 Meas		70.17	12.71	3.17	0.140	0.14	0.59	2.46	5.42	0.277	0.05	5	4	7	41	43	382	497								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500	5.00	4.00	5.00	43.0	43.0	403	506								
LKSD-3 Meas																						70	31	50		
LKSD-3 Cert																						87.0	30.0	47.0		
TDB-1 Meas																						260		90		
TDB-1 Cert																						251		92		
W-2a Meas		52.51	15.56	11.46	0.166	6.27	11.06	2.21	0.62	1.088	0.14	36	< 1	280	199	19	85	174				100	47	80		
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130	36.0	1.30	262	190	24.0	94.0	182				92.0	43.0	70.0		
SY-4 Meas		49.96	20.70	6.92	0.108	0.50	8.11	6.99	1.69	0.288	0.13	< 1	3	10	1190	114	549	348								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131	1.1	2.6	8.0	1191	119	517	340								
CTA-AC-1 Meas																								9		
CTA-AC-1 Cert																								2.72		
BIR-1a Meas		47.71	15.61	11.82	0.170	9.35	13.39	1.79	0.02	0.952	0.04	43	< 1	334	109	13	15	7				380	53	160		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021	44	0.58	310	110	16	18	6				370	52	170		
NCS DC86312 Meas																										
NCS DC86312 Cert																										
ZW-C Meas	1.15																									
ZW-C Cert	1.13																									
NCS DC70014 Meas																								27	70	
NCS DC70014 Cert																								26.2	70.9	
NCS DC70009 (GBW07241) Meas																						30	4	< 20		
NCS DC70009 (GBW07241) Cert																						30	3.7	2.8		
OREAS 100a (Fusion) Meas																									17	
OREAS 100a (Fusion) Cert																									18.1	
OREAS 101a (Fusion) Meas																									46	
OREAS 101a (Fusion) Cert																									48.8	
OREAS 101b (Fusion) Meas																									49	< 20
OREAS 101b (Fusion) Cert																									47	9
JR-1 Meas																						< 20	< 1	< 20		
JR-1 Cert																						2.83	0.83	1.67		
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.08																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.82																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.72																									
NCS DC86314 Cert	1.81																									
884597 Orig	0.11																						160	27	70	
884597 Split	0.11	65.02	14.47	7.24	0.136	2.80	4.09	2.69	1.91	0.652	0.19	15	5	122	535	13	164	439		1.07	100.3	160	27	60		
884597 Split																						160	27	60		
Method Blank																				1.00						
Method Blank																						< 20	< 1	< 20		

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Sr	Y	Zr	Ba	Spec Grav	LOI	Total	Cr	Co	Ni
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	2	2	4	3	0.01		0.01	20	1	20
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS

Method Blank < 0.01
 Method Blank < 0.01
 Method Blank < 0.01

Activation Laboratories Ltd. Report: A11-13757

Quality Control																						
Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	Bi	Hf	Ta	W	Tl	Pb	Th	U	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	10	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.4	0.2	0.1	1	0.1	5	0.1	0.1	
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas	100	70										1.0										
DNC-1 Cert	100.0	70.0										0.96										
GBW 07113 Meas																						
GBW 07113 Cert																						
LKSD-3 Meas	30	150			24	76		< 2	2.6		2	1.2	2.5		4.3	0.7	3			10.4	4.4	
LKSD-3 Cert	35.0	152			27.0	78.0		2.00	2.70		3.00	1.30	2.30		4.80	0.700	2.00			11.4	4.60	
TDB-1 Meas	330					22															2.6	
TDB-1 Cert	323					23																2.7
W-2a Meas	110	80	18	2	< 5	21	7	< 2	< 0.5			0.6	0.9	< 0.4	2.5	0.5	< 1	< 0.1	7	2.4	0.5	
W-2a Cert	110	80.0	17.0	1.00	1.20	21.0	7.90	0.600	0.0460			0.790	0.990	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530	
SY-4 Meas																						
SY-4 Cert																						
CTA-AC-1 Meas	50	< 30													1.5	2.8				23.3	4.1	
CTA-AC-1 Cert	54.0	38.0													1.13	2.65				21.8	4.4	
BIR-1a Meas	120	70	15				< 1					< 0.5			0.5				< 5			
BIR-1a Cert	125	70	16				0.6					0.58			0.60				3			
NCS DC86312 Meas																					25.9	
NCS DC86312 Cert																					23.6	
ZW-C Meas		1050	102			8550										85.0						
ZW-C Cert		1050	99			8500										82						
NCS DC70014 Meas	2590	7410	26					270	16.4			180		80.3					27200			
NCS DC70014 Cert	2600.00	7400.00	25.2					270	16.7			180.000		80.3					27200.00			
NCS DC70009 (GBW07241) Meas	1000	100	17	11	71	536				1.3	1700	3.1	46.8				2200			28.7		
NCS DC70009 (GBW07241) Cert	960.000	100.000	16.5	11.2	69.9	500.00				1.3	1701.000	3.1	41				2200.00			28.3		
OREAS 100a (Fusion) Meas	170							22												50.3	140	
OREAS 100a (Fusion) Cert	169							24.1												51.6	135	
OREAS 101a (Fusion) Meas	420							20												34.6	420	
OREAS 101a (Fusion) Cert	434							21.9												36.6	422	
OREAS 101b (Fusion) Meas	440							20												37.8	415	
OREAS 101b (Fusion) Cert	416							20.9												37.1	396	
JR-1 Meas	< 10	30	15	3	14	241		3	0.6	< 0.2	3	1.1	20.5	0.7	4.3	1.8	2	1.5	18		8.6	
JR-1 Cert	2.68	30.6	16.1	1.88	16.3	257		3.25	0.031	0.028	2.86	1.19	20.8	0.56	4.51	1.86	1.59	1.56	19.3		8.88	
SARM 3 Meas							979															
SARM 3 Cert							978															
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884597 Orig	90	90	20	3	< 5	333	7	< 2	1.5	< 0.2	14	< 0.5	116	0.6	4.0	1.0	< 1	4.0	13	9.3	3.4	
884597 Split	90	90	19	3	< 5	324	7	< 2	1.5	< 0.2	14	< 0.5	112	0.6	4.0	1.0	< 1	4.0	13	9.6	3.2	
884597 Split	90	90	19	3	< 5	324	7	< 2	1.5	< 0.2	14	< 0.5	112	0.6	4.0	1.0	< 1	4.0	13	9.6	3.2	
Method Blank																						
Method Blank	< 10	< 30	< 1	< 1	< 5	< 2	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	

Quality Control																					
Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	10	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

Method Blank
 Method Blank
 Method Blank



Date Submitted: 18-Nov-11
Invoice No.: A11-13758
Invoice Date: 13-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 24 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13758**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Eseme, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13758

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884393	0.13	58.54	17.36	7.95	0.100	3.33	2.20	2.68	3.80	0.707	0.15	2.44	99.25	23	4	169	170	32	90	40	80	25	3	< 5
884394	0.49	72.21	16.48	1.01	0.102	0.10	0.25	4.14	2.90	0.004	0.13	0.64	97.98	< 1	189	< 5	< 20	< 1	< 20	< 10	30	42	6	< 5
884395	0.54	72.10	16.54	0.94	0.078	0.04	0.21	3.23	4.31	0.002	0.15	0.44	98.05	< 1	196	< 5	< 20	< 1	< 20	< 10	70	38	6	< 5
884396	0.43	72.69	17.15	0.99	0.076	0.20	0.48	4.15	3.38	0.002	0.13	0.97	100.2	< 1	170	< 5	30	2	40	10	< 30	37	9	7
884397	0.69	73.95	16.74	1.01	0.074	0.06	0.22	3.88	2.38	0.003	0.13	0.52	98.97	< 1	180	< 5	< 20	< 1	< 20	< 10	< 30	34	5	< 5
884398	0.93	74.06	16.71	1.16	0.114	0.04	0.22	3.16	2.18	0.004	0.19	0.47	98.30	< 1	185	< 5	< 20	< 1	< 20	< 10	40	42	6	< 5
884399	0.23	60.95	16.52	6.12	0.128	2.61	2.20	3.26	3.58	0.526	0.50	1.60	97.98	17	80	127	140	28	80	20	180	31	5	< 5
884400	0.70	74.29	15.75	3.34	0.095	0.06	0.27	3.57	2.51	0.003	0.15	-0.02	100.0	< 1	155	< 5	30	2	20	50	100	43	6	< 5
884401	0.64	73.45	17.03	0.88	0.074	0.06	0.44	4.15	3.07	0.003	0.13	0.63	99.92	< 1	200	< 5	< 20	< 1	< 20	< 10	60	39	6	< 5
884402	0.07	66.68	21.01	0.90	0.050	0.13	0.55	7.67	2.63	0.010	0.19	1.14	100.9	< 1	204	< 5	< 20	1	< 20	< 10	< 30	58	6	< 5
884403	0.12	62.65	15.95	6.40	0.108	2.65	2.54	3.60	2.64	0.571	0.17	1.38	98.66	15	25	116	150	24	70	50	100	21	3	< 5
884404	0.12	63.65	14.37	7.19	0.108	2.86	3.20	2.79	2.10	0.592	0.12	0.93	97.91	14	2	118	170	25	70	60	90	18	2	< 5
884405	0.34	75.34	14.26	1.21	0.082	0.09	0.35	4.38	1.54	0.015	0.09	0.59	97.96	< 1	178	5	< 20	1	< 20	30	60	36	5	< 5
884406	0.31	75.81	14.21	1.28	0.079	0.12	0.42	4.44	1.77	0.025	0.10	0.55	98.80	< 1	205	6	< 20	2	< 20	20	40	35	5	< 5
884407	0.13	65.39	14.37	6.63	0.101	2.73	3.05	2.66	2.16	0.565	0.16	0.89	98.73	14	4	114	140	24	70	60	100	17	2	< 5
884408	0.58	71.79	17.15	1.32	0.073	0.14	0.46	4.03	2.46	0.025	0.11	0.73	98.29	< 1	174	10	< 20	2	< 20	10	60	42	5	< 5
884409	0.14	85.39	8.52	0.86	0.036	0.07	0.30	2.23	1.82	0.003	0.07	0.44	99.75	< 1	111	6	< 20	< 1	< 20	< 10	< 30	20	4	< 5
884410	< 0.01	99.76	0.29	0.54	0.006	< 0.01	0.02	0.02	0.05	0.029	0.01	0.01	100.7	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	< 1	1	< 5
884411	0.19	71.79	15.91	0.91	0.061	0.20	0.34	4.36	3.81	0.003	0.14	0.76	98.28	< 1	165	5	< 20	1	< 20	< 10	< 30	33	5	< 5
884412	< 0.01	68.28	17.53	0.77	0.026	0.17	0.86	6.44	3.37	0.004	0.15	0.99	98.61	< 1	163	6	< 20	1	< 20	< 10	< 30	38	5	< 5
884413	0.08	61.61	13.29	7.12	0.153	5.36	4.47	2.95	2.66	0.657	0.25	1.54	100.1	14	40	126	150	23	80	< 10	80	22	5	< 5
884414	0.10	63.72	15.21	6.35	0.108	2.53	2.82	3.17	2.31	0.543	0.16	1.03	97.94	14	13	112	130	24	70	50	100	20	3	< 5
884415	0.26	74.94	14.85	0.92	0.079	0.14	0.31	3.84	3.64	0.004	0.21	0.52	99.46	< 1	161	5	< 20	< 1	< 20	< 10	60	30	3	< 5
884416	0.08	79.60	12.17	0.89	0.042	0.14	0.41	4.01	2.86	0.019	0.17	0.46	100.8	< 1	178	9	< 20	2	< 20	< 10	< 30	27	5	< 5
884417	0.09	63.80	15.78	6.95	0.174	3.03	2.96	3.28	1.97	0.654	0.18	1.93	100.7	19	5	147	160	26	90	30	70	22	3	< 5
884418	0.09	68.62	14.95	4.36	0.102	1.60	1.69	4.10	2.98	0.343	0.26	1.07	100.1	9	81	70	100	16	40	60	100	26	4	< 5

Activation Laboratories Ltd. Report: A11-13758

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884383	264	227	14	117	7	2	1.0	< 0.2	9	< 0.5	88.3	1239	0.6	3.2	0.8	1	2.6	13	7.2	2.3	
884394	679	28	< 2	10	54	< 2	< 0.5	< 0.2	83	< 0.5	59.6	71	2.2	1.4	44.6	< 1	5.7	16	2.6	6.9	
884395	1240	31	< 2	7	48	< 2	< 0.5	< 0.2	68	< 0.5	92.3	43	2.5	1.0	35.3	< 1	11.4	24	2.2	7.6	2.69
884396	715	33	< 2	9	43	< 2	< 0.5	< 0.2	65	< 0.5	61.3	193	4.6	1.3	34.9	1	4.6	18	2.1	9.9	
884397	502	28	< 2	10	45	< 2	< 0.5	< 0.2	66	< 0.5	47.9	96	1.2	1.3	38.6	< 1	4.4	15	2.1	6.1	
884398	586	29	< 2	10	42	< 2	< 0.5	< 0.2	104	< 0.5	56.9	46	2.0	1.5	33.6	< 1	5.0	16	2.1	6.2	
884399	1450	224	11	88	24	2	0.9	< 0.2	97	< 0.5	676	740	0.8	2.9	18.9	2	15.5	14	5.9	3.1	
884400	709	44	< 2	17	46	24	< 0.5	< 0.2	94	< 0.5	54.5	107	0.9	2.1	29.8	2	5.7	17	1.8	5.0	
884401	749	42	< 2	11	38	< 2	< 0.5	< 0.2	82	< 0.5	70.8	68	1.8	1.6	33.7	1	6.0	13	1.3	7.0	
884402	681	69	3	25	51	< 2	< 0.5	< 0.2	109	< 0.5	80.0	217	2.2	3.2	38.1	3	5.2	14	1.7	9.9	2.67
884403	504	373	10	119	11	< 2	1.0	< 0.2	19	< 0.5	235	586	2.9	3.2	6.2	2	5.2	17	6.1	2.7	
884404	163	439	11	149	6	< 2	1.1	< 0.2	5	< 0.5	101	480	< 0.4	3.8	1.1	2	1.6	15	8.3	2.5	
884405	371	36	< 2	13	39	< 2	< 0.5	< 0.2	44	< 0.5	48.2	25	4.9	1.1	43.6	2	2.7	9	1.8	4.4	2.70
884406	414	43	< 2	16	39	< 2	< 0.5	< 0.2	43	< 0.5	54.1	35	4.0	1.2	36.1	1	3.2	11	2.4	4.9	
884407	212	416	11	130	6	< 2	0.8	< 0.2	6	< 0.5	83.2	519	< 0.4	2.9	1.2	< 1	1.9	15	6.8	2.1	
884408	580	56	< 2	14	32	< 2	< 0.5	< 0.2	63	< 0.5	59.7	46	3.2	0.9	21.1	2	3.9	15	1.6	5.2	2.71
884409	395	22	< 2	8	16	62	< 0.5	< 0.2	36	< 0.5	36.3	34	4.6	0.7	18.5	2	2.8	10	1.2	3.5	
884410	< 2	3	< 2	62	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	25	< 0.4	1.4	< 0.1	< 1	< 0.1	< 5	0.6	0.3	
884411	799	57	< 2	15	34	< 2	< 0.5	< 0.2	62	< 0.5	64.7	212	2.0	1.5	37.5	2	5.5	14	1.4	4.8	
884412	628	75	2	26	70	< 2	< 0.5	< 0.2	54	< 0.5	42.6	338	< 0.4	3.5	114	2	4.2	12	2.1	5.0	
884413	493	337	12	146	33	< 2	0.8	< 0.2	43	< 0.5	181	556	0.8	3.6	23.0	1	4.4	10	6.4	5.0	
884414	298	374	11	109	9	< 2	0.7	< 0.2	15	< 0.5	129	574	< 0.4	2.8	5.6	2	2.7	14	5.8	2.1	
884415	838	41	< 2	9	38	< 2	< 0.5	< 0.2	61	< 0.5	58.9	136	3.3	1.3	30.8	< 1	6.1	13	2.1	4.9	
884416	576	29	< 2	12	33	< 2	< 0.5	< 0.2	54	< 0.5	40.7	128	1.6	1.2	30.4	1	4.1	12	1.5	4.5	2.69
884417	153	292	13	124	7	< 2	0.6	< 0.2	16	< 0.5	33.9	569	0.6	2.9	1.2	2	1.0	12	6.3	2.0	
884418	773	202	7	87	20	< 2	< 0.5	< 0.2	47	< 0.5	233	271	2.3	3.0	16.0	2	7.0	16	5.3	5.3	

Activation Laboratories Ltd. Report: A11-13758

Quality Control

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas		11.44	1.90	0.74	0.013	0.34	42.90	0.87	0.55	0.117	30.20					1669								
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas		47.31	18.63	10.52	0.147	10.07	11.50	1.91	0.22	0.485	0.07			32	157	270	57	260	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas		70.17	12.71	3.17	0.140	0.14	0.59	2.46	5.42	0.277	0.05			5	4	7								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	70	31	50	30	150			24
LKSD-3 Cert																	87.0	30.0	47.0	35.0	152			27.0
TDB-1 Meas																	260		90	330				
TDB-1 Cert																	251		92	323				
W-2a Meas		52.51	15.56	11.46	0.166	6.27	11.06	2.21	0.62	1.088	0.14			36	< 1	280	100	47	80	110		18	2	< 5
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20
SY-4 Meas		49.96	20.70	6.92	0.108	0.50	8.11	6.99	1.69	0.288	0.13			< 1	3	10								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																		9		50	< 30			
CTA-AC-1 Cert																		2.72		54.0	38.0			
BIR-1a Meas		47.71	15.61	11.82	0.170	9.35	13.39	1.79	0.02	0.952	0.04			43	< 1	334	380	53	160	120	70	15		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.15																				1140	97		
ZW-C Cert	1.13																				1050	99		
NCS DC70014 Meas																		27	70	2590	7410	26		
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2	
NCS DC70009 (GBW07241) Meas																	30	4	< 20	1000	100	17	11	71
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17		170				
OREAS 100a (Fusion) Cert																		18.1		169				
OREAS 101a (Fusion) Meas																		46		420				
OREAS 101a (Fusion) Cert																		48.8		434				
OREAS 101b (Fusion) Meas																		49	< 20	440				
OREAS 101b (Fusion) Cert																		47	9	416				
JR-1 Meas																	< 20	< 1	< 20	< 10	30	15	3	14
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3
SARM 3 Meas																								
SARM 3 Cert																								
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.08																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.82																							
NCS DC86314 Cert	1.81																							
NCS DC86314 Meas	1.72																							
NCS DC86314 Cert	1.81																							
884393 Orig	0.13																							
884393 Dup	0.13																							
884395 Orig		72.12	16.53	0.92	0.077	0.04	0.21	3.24	4.31	0.002	0.15	0.44	98.04	< 1	196	< 5	< 20	< 1	< 20	< 10	70	38	6	< 5
884395 Dup		72.09	16.55	0.96	0.080	0.04	0.21	3.22	4.31	0.002	0.15	0.44	98.05	< 1	197	< 5	< 20	< 1	< 20	< 10	70	37	5	< 5
884413 Orig	0.08																							

Activation Laboratories Ltd. Report: A11-13758

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
884413 Dup	0.08																									
884418 Orig	0.09	68.62	14.95	4.36	0.102	1.60	1.69	4.10	2.98	0.343	0.26	1.07	100.1	9	81	70	100	16	40	60	100	26	4	< 5		
884418 Split	0.09	68.87	15.07	4.37	0.103	1.59	1.70	4.12	2.98	0.345	0.26	1.06	100.5	9	82	68	90	15	40	60	100	26	4	< 5		
Method Blank																										
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-13758

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		145	15	34						1.0		107									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	43	382								497									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	76					< 2	2.6		2	1.2	2.5			4.3	0.7	2			10.4	4.4	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30			4.80	0.700	2.00			11.4	4.60	
TDB-1 Meas	22																			2.6	
TDB-1 Cert	23																			2.7	
W-2a Meas	21	199	19	85	7	< 2	< 0.5			0.6	0.9	174	< 0.4	2.4	0.5	< 1	< 0.1	7	2.4	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530	
SY-4 Meas		1190	114	549								348									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.5	2.8				23.3	4.1	
CTA-AC-1 Cert														1.13	2.65				21.8	4.4	
BIR-1a Meas		109	13	15	< 1					< 0.5		7		0.6				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																				25.9	
NCS DC86312 Cert																				23.6	
ZW-C Meas	8340														82.2						
ZW-C Cert	8500														82						
NCS DC70014 Meas						270	16.4			180			80.3						27200		
NCS DC70014 Cert						270	16.7			180.000			80.3						27200.00		
NCS DC70009 (GBW07241) Meas	536							1.3	1700	3.1	46.8					2200			28.7		
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00			28.3		
OREAS 100a (Fusion) Meas						22													50.3	140	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas						20													34.6	420	
OREAS 101a (Fusion) Cert						21.9													36.6	422	
OREAS 101b (Fusion) Meas						20													37.8	415	
OREAS 101b (Fusion) Cert						20.9													37.1	396	
JR-1 Meas	241					3	0.6	< 0.2	3	1.1	20.5		0.6	4.3	1.8	2	1.5	18		8.6	
JR-1 Cert	257					3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3		8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884393 Orig																					
884393 Dup																					
884395 Orig	1260	30	< 2	7	47	< 2	< 0.5	< 0.2	68	< 0.5	94.0	43	2.6	0.9	34.7	< 1	11.6	24	2.3	7.5	
884395 Dup	1220	31	< 2	7	49	< 2	< 0.5	< 0.2	67	< 0.5	90.7	43	2.4	1.0	35.8	< 1	11.2	23	2.1	7.6	
884413 Orig																					

Activation Laboratories Ltd. Report: A11-13758

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884413 Dup																					
884418 Orig	773	202	7	87	20	< 2	< 0.5	< 0.2	47	< 0.5	233	271	2.3	3.0	16.0	2	7.0	16	5.3	5.3	
884418 Split	778	205	8	90	21	< 2	< 0.5	< 0.2	46	< 0.5	236	271	1.9	3.0	16.2	2	6.7	15	5.4	5.3	
Method Blank																					1.00
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					
Method Blank																					
Method Blank																					



Date Submitted: 21-Nov-11
Invoice No.: A11-13846
Invoice Date: 21-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

3 Pulp samples and 26 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13846**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Eseme, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13846

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884622	0.09	65.25	14.84	6.34	0.114	2.72	3.77	3.13	1.57	0.580	0.16	1.27	99.74	13	2	112	110	19	40	50	100	18	2	< 5
884623	0.03	73.30	15.61	0.77	0.082	0.04	0.29	5.77	1.89	0.002	0.22	1.03	99.01	< 1	84	7	< 20	< 1	< 20	< 10	< 30	35	4	< 5
884624	0.50	75.21	16.41	0.97	0.146	0.05	0.18	4.07	2.79	0.001	0.11	0.91	100.8	< 1	70	< 5	< 20	< 1	< 20	< 10	< 30	34	4	< 5
884625	0.07	74.09	16.19	0.79	0.076	0.05	0.21	5.14	2.89	0.003	0.12	1.03	100.6	< 1	65	5	< 20	< 1	< 20	< 10	< 30	33	4	< 5
884626	0.27	73.39	15.60	0.88	0.116	0.05	0.20	4.57	2.75	0.003	0.12	0.92	98.59	< 1	60	5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
884627	0.09	74.08	15.55	0.80	0.115	0.03	0.14	3.57	3.22	0.002	0.10	1.30	98.91	< 1	94	< 5	< 20	< 1	< 20	< 10	< 30	36	4	< 5
884628	0.75	74.00	16.17	0.97	0.159	0.04	0.27	4.52	1.42	0.001	0.32	0.63	98.50	< 1	135	< 5	< 20	< 1	< 20	< 10	30	33	5	< 5
884629	0.77	75.58	15.72	1.03	0.127	0.03	0.17	3.31	2.70	0.002	0.20	0.58	99.45	< 1	121	< 5	< 20	< 1	< 20	< 10	80	31	4	< 5
884630	< 0.01	98.45	0.37	1.23	0.013	< 0.01	0.02	0.04	0.07	0.041	< 0.01	0.16	100.4	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884631	0.48	75.17	16.05	0.88	0.101	0.03	0.20	4.08	3.03	0.002	0.21	0.63	100.4	< 1	174	< 5	< 20	< 1	< 20	< 10	60	32	4	< 5
884632	0.39	72.85	15.50	0.85	0.104	0.03	0.31	3.87	3.39	0.001	0.32	0.82	98.05	< 1	112	< 5	< 20	< 1	< 20	< 10	30	33	4	< 5
884633	0.34	74.47	16.04	1.02	0.190	0.03	0.20	3.52	3.16	0.002	0.24	1.07	99.96	< 1	180	< 5	< 20	< 1	< 20	< 10	40	36	5	< 5
884634	0.74	73.91	16.26	1.05	0.140	0.07	0.29	2.89	3.39	0.001	0.33	0.82	99.15	< 1	152	< 5	< 20	< 1	< 20	< 10	60	33	4	< 5
884635	0.74	74.09	15.84	1.12	0.155	0.09	0.30	3.10	3.00	0.001	0.38	0.75	98.81	< 1	180	< 5	< 20	< 1	< 20	< 10	50	34	5	< 5
884636	0.80	74.66	16.17	1.05	0.153	0.03	0.24	3.85	1.94	0.002	0.33	0.73	99.16	< 1	166	< 5	< 20	< 1	< 20	< 10	70	33	5	< 5
884637	0.65	73.32	16.58	0.90	0.106	0.03	0.24	3.70	3.51	< 0.001	0.31	0.61	99.30	< 1	126	< 5	< 20	< 1	< 20	< 10	60	28	5	< 5
884638	0.98	74.87	15.58	1.11	0.138	0.02	0.18	2.86	2.35	< 0.001	0.28	0.65	98.05	< 1	187	< 5	< 20	< 1	< 20	< 10	50	35	5	< 5
884639	0.82	73.98	16.33	0.96	0.128	0.03	0.20	3.00	3.25	< 0.001	0.31	0.57	98.77	< 1	194	6	< 20	< 1	< 20	< 10	60	34	5	< 5
884640	0.36	85.76	8.10	1.69	0.048	0.05	0.16	1.71	1.32	0.036	0.10	0.33	99.31	< 1	74	< 5	< 20	< 1	< 20	30	50	20	2	< 5
884641	0.88	73.98	16.30	1.06	0.143	0.05	0.24	3.20	2.47	0.001	0.33	0.70	98.47	< 1	174	< 5	< 20	< 1	< 20	< 10	50	34	5	< 5
884642	0.75	73.68	16.51	0.92	0.141	0.06	0.28	3.72	2.61	0.004	0.35	0.70	98.98	< 1	192	< 5	< 20	< 1	< 20	10	50	33	6	< 5
884643	0.29	74.61	16.60	0.87	0.101	0.08	0.38	5.11	1.81	0.002	0.35	1.05	101.0	< 1	140	< 5	< 20	1	< 20	< 10	30	35	5	< 5
884644	0.05	74.59	15.95	0.71	0.041	0.03	0.16	3.65	3.88	0.005	0.14	1.11	100.3	< 1	160	7	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884645	0.30	73.94	16.22	0.80	0.068	0.06	0.27	4.58	2.78	0.002	0.23	0.94	99.89	< 1	133	< 5	< 20	< 1	< 20	< 10	< 30	36	4	< 5
884646	0.13	76.88	13.63	0.71	0.034	0.04	0.21	4.10	2.39	0.003	0.16	0.91	99.04	< 1	121	6	< 20	< 1	< 20	< 10	< 30	29	4	< 5
884647	0.24	74.42	16.06	0.78	0.067	0.04	0.29	5.77	1.76	0.002	0.27	0.81	100.3	< 1	143	< 5	< 20	< 1	< 20	< 10	30	33	6	< 5
884648	0.28	73.69	15.37	0.79	0.096	0.03	0.28	5.79	1.38	0.002	0.28	0.63	98.34	< 1	112	< 5	< 20	< 1	< 20	< 10	50	34	6	< 5
884649	0.07	65.07	14.22	6.48	0.126	2.66	3.51	2.93	1.50	0.585	0.15	1.39	98.63	13	2	110	120	19	50	70	120	18	2	< 5
884650	< 0.01	97.82	0.38	1.60	0.016	0.02	0.03	0.04	0.06	0.035	< 0.01	0.10	100.1	< 1	< 1	5	< 20	1	< 20	< 10	< 30	1	2	< 5

Activation Laboratories Ltd. Report: A11-13846

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884622	89	623	11	134	5	< 2	1.0	< 0.2	3	< 0.5	24.4	482	< 0.4	3.2	0.4	2	0.9	18	8.0	2.2	
884623	494	47	2	18	25	< 2	< 0.5	< 0.2	82	1.5	26.0	30	6.9	1.6	25.4	1	3.3	14	1.3	3.9	
884624	725	22	< 2	18	19	< 2	< 0.5	< 0.2	77	< 0.5	42.4	36	2.4	1.6	26.5	2	5.0	16	1.4	6.9	
884625	658	18	< 2	19	14	< 2	< 0.5	< 0.2	68	< 0.5	35.8	49	0.6	1.7	12.1	1	4.7	7	1.1	1.4	
884626	691	21	< 2	20	15	< 2	< 0.5	< 0.2	69	< 0.5	39.2	51	0.6	1.9	17.0	4	4.8	11	1.2	2.0	
884627	843	16	< 2	24	20	< 2	< 0.5	< 0.2	95	< 0.5	41.6	27	1.1	2.3	17.6	3	5.8	8	1.4	1.6	
884628	432	14	< 2	24	22	< 2	< 0.5	< 0.2	68	< 0.5	28.3	16	3.7	2.7	30.9	2	3.3	12	1.4	5.7	
884629	750	15	< 2	15	12	< 2	< 0.5	< 0.2	71	< 0.5	46.8	14	2.1	1.8	12.7	< 1	5.8	12	1.1	4.1	
884630	3	4	< 2	54	< 1	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	26	< 0.4	1.5	< 0.1	4	0.4	< 5	0.6	0.3	
884631	912	17	< 2	16	15	< 2	< 0.5	< 0.2	68	< 0.5	50.1	16	1.3	1.7	18.2	2	6.3	10	1.0	4.3	
884632	1030	24	< 2	20	13	< 2	< 0.5	< 0.2	69	< 0.5	57.7	25	1.7	2.1	13.0	< 1	8.2	14	1.5	4.9	
884633	780	26	< 2	16	19	< 2	< 0.5	< 0.2	76	< 0.5	52.0	18	4.0	1.9	21.2	2	6.1	9	1.6	3.6	2.68
884634	929	34	< 2	18	25	< 2	< 0.5	< 0.2	69	< 0.5	61.6	83	6.0	2.3	28.9	2	7.1	14	1.4	5.4	
884635	929	30	< 2	15	26	< 2	< 0.5	< 0.2	77	< 0.5	63.2	51	6.5	2.0	34.7	2	7.2	13	1.6	5.1	
884636	627	21	< 2	21	24	< 2	< 0.5	< 0.2	76	< 0.5	48.7	23	5.2	2.8	35.6	1	4.8	12	1.5	5.6	
884637	1020	25	< 2	11	12	< 2	< 0.5	< 0.2	60	< 0.5	67.6	22	2.4	1.4	16.6	1	8.1	12	1.1	4.7	
884638	825	21	< 2	12	21	< 2	< 0.5	< 0.2	89	< 0.5	66.5	19	1.9	1.7	29.8	1	6.4	10	1.6	6.2	
884639	1080	24	< 2	13	18	< 2	< 0.5	< 0.2	74	< 0.5	75.4	18	1.8	1.8	25.9	< 1	8.8	10	1.4	10.3	
884640	349	25	< 2	64	20	12	< 0.5	< 0.2	46	< 0.5	22.1	61	< 0.4	2.3	12.9	2	2.7	9	2.1	2.6	
884641	880	24	< 2	17	20	< 2	< 0.5	< 0.2	91	< 0.5	75.5	40	2.5	2.3	23.5	2	7.0	11	1.5	4.5	
884642	932	26	< 2	20	26	< 2	< 0.5	< 0.2	80	< 0.5	77.3	41	2.7	2.8	31.7	2	7.9	14	1.6	6.5	
884643	563	37	< 2	19	30	< 2	< 0.5	< 0.2	88	< 0.5	40.0	82	2.0	2.6	36.2	1	3.8	9	1.9	4.0	
884644	1120	26	< 2	11	25	< 2	< 0.5	< 0.2	98	< 0.5	67.3	19	2.4	1.4	23.6	3	8.1	8	0.9	1.1	
884645	858	27	< 2	14	36	< 2	< 0.5	< 0.2	85	< 0.5	49.2	40	0.6	2.0	45.1	2	6.2	8	1.3	2.5	
884646	686	21	< 2	16	22	< 2	< 0.5	< 0.2	63	< 0.5	41.1	21	0.6	1.5	31.5	2	5.3	7	1.0	1.5	
884647	534	20	< 2	20	24	< 2	< 0.5	< 0.2	76	< 0.5	31.3	23	3.3	2.3	29.8	2	3.8	9	1.4	4.4	
884648	468	17	< 2	17	20	< 2	< 0.5	< 0.2	65	< 0.5	27.6	24	2.0	1.8	20.8	2	3.2	10	1.2	3.6	
884649	86	547	12	136	5	< 2	0.7	< 0.2	5	< 0.5	22.9	375	0.5	3.6	0.5	24	0.9	15	8.1	2.4	
884650	2	5	< 2	53	< 1	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	26	< 0.4	1.3	< 0.1	1	0.1	< 5	0.6	0.3	

Activation Laboratories Ltd. Report: A11-13846

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.32	1.90	0.73	0.013	0.35	43.52	0.87	0.53	0.117	30.20					1666									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		46.81	18.74	9.73	0.146	10.07	11.27	1.93	0.23	0.484	0.08			31	155	270	59	260	110	70					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		73.27	13.01	3.28	0.143	0.14	0.58	2.54	5.45	0.285	0.04			5	4	6									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	40	30				30	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	240		80	340					
TDB-1 Cert																	251		92	323					
W-2a Meas		52.38	15.20	10.71	0.167	6.28	11.03	2.22	0.61	1.075	0.14			35	< 1	278	90	42	60	110		17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.36	20.21	6.04	0.106	0.50	7.96	6.93	1.62	0.278	0.12			< 1	3	6									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																		< 1		60	30				
CTA-AC-1 Cert																		2.72		54.0	38.0				
BIR-1a Meas		48.15	15.95	11.32	0.171	9.64	13.32	1.87	0.02	0.982	0.01			43	< 1	338	370	54	160	130	80	16		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
ZW-C Meas	1.03																				1010	96			
ZW-C Cert	1.13																				1050	99			
NCS DC86302 Meas		73.77	15.03	0.58	0.037	0.08	0.61	4.51	3.86	0.012	0.04				1316										
NCS DC86302 Cert		73.99	14.86	0.593	0.036	0.069	0.584	4.67	3.89	0.016	0.013				1315										
NCS DC70014 Meas																		25	70	2610	7400	25			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	940	90	16	11	68	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		16		170					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		46		420					
OREAS 101a (Fusion) Cert																		48.8		434					
OREAS 101b (Fusion) Meas																		45	< 20	420					
OREAS 101b (Fusion) Cert																		47	9	416					
JR-1 Meas																	< 20	< 1	< 20	10	30	16	3	18	
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.09																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.80																								
NCS DC86314 Cert	1.81																								
884631 Orig	0.48																								
884631 Dup	0.49																								
884636 Orig		74.31	15.82	1.04	0.151	0.03	0.24	3.81	1.92	0.001	0.32	0.73	98.37	< 1	163	5	< 20	< 1	< 20	< 10	70	32	4	< 5	
884636 Dup		75.02	16.51	1.07	0.155	0.04	0.24	3.89	1.96	0.002	0.33	0.73	99.95	< 1	169	< 5	< 20	< 1	< 20	< 10	80	33	5	< 5	
884641 Orig	0.89																								

Activation Laboratories Ltd. Report: A11-13846

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
884641 Dup	0.87																									
884649 Orig	0.07	65.07	14.22	6.48	0.126	2.66	3.51	2.93	1.50	0.585	0.15	1.39	98.63	13	2	110	120	19	50	70	120	18	2	< 5		
884649 Split	0.07	64.38	14.41	6.29	0.124	2.64	3.34	2.98	1.57	0.605	0.14	1.49	97.95	14	2	109	120	20	50	70	110	18	2	< 5		
884649 Split	0.07																									
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-13846

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		145	16	33						1.2		104									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		42	46	387								506									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	74					< 2	1.8		3	1.3	2.4				0.7	2			10.6	4.5	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
TDB-1 Meas																					
TDB-1 Cert																					
W-2a Meas	19	194	20	82	7	< 2	< 0.5			0.8	0.9	173	< 0.4	2.5		< 1		8	2.4		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60		0.300		9.30	2.40		
SY-4 Meas		1190	115	546								338									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas															2.8				23.5	4.3	
CTA-AC-1 Cert															2.65				21.8	4.4	
BIR-1a Meas		109	14	14	< 1					0.7		8		0.6				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
ZW-C Meas	8230																				
ZW-C Cert	8500																				
NCS DC86302 Meas																					
NCS DC86302 Cert																					
NCS DC70014 Meas						270	16.6			180			80.3					27200			
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00			
NCS DC70009 (GBW07241) Meas	502							1.3	1700	3.2	43.0					2200			30.0		
NCS DC70009 (GBW07241) Cert	500.00							1.3	1701.000	3.1	41					2200.00			28.3		
OREAS 100a (Fusion) Meas						22													51.7	137	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas						20													36.2	421	
OREAS 101a (Fusion) Cert						21.9													36.6	422	
OREAS 101b (Fusion) Meas						20													36.7	388	
OREAS 101b (Fusion) Cert						20.9													37.1	396	
JR-1 Meas	246				14	3	< 0.5	< 0.2	4	1.1	20.7		0.6	4.4	1.8	2	1.6	21	26.4	9.0	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884631 Orig																					
884631 Dup																					
884636 Orig	614	21	< 2	20	25	< 2	< 0.5	< 0.2	75	< 0.5	48.2	22	5.1	2.9	37.2	1	4.6	11	1.5	5.7	
884636 Dup	640	22	< 2	22	24	< 2	< 0.5	< 0.2	76	< 0.5	49.1	23	5.3	2.7	34.0	1	4.9	12	1.4	5.6	
884641 Orig																					

Activation Laboratories Ltd. Report: A11-13846

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884641 Dup																					
884649 Orig	86	547	12	136	5	< 2	0.7	< 0.2	5	< 0.5	22.9	375	0.5	3.6	0.5	24	0.9	15	8.1	2.4	
884649 Split	87	554	11	149	6	< 2	1.0	< 0.2	5	< 0.5	23.9	384	0.7	3.7	0.4	31	0.6	16	8.1	2.4	
884649 Split																					
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					1.00



Date Submitted: 21-Nov-11
Invoice No.: A11-13848
Invoice Date: 21-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

4 Pulp samples and 29 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13848**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13848

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884419	0.10	62.13	14.22	7.98	0.115	3.30	3.62	2.75	2.20	0.654	0.26	1.29	98.51	15	8	129	190	25	70	70	130	20	2	< 5
884420	0.36	85.76	8.07	1.65	0.047	0.04	0.16	1.72	1.27	0.033	0.08	0.17	99.00	< 1	76	5	20	1	< 20	30	60	21	3	< 5
884421	0.06	72.34	15.70	0.54	0.074	0.02	0.42	6.16	1.69	0.003	0.15	0.85	98.01	< 1	174	< 5	< 20	< 1	< 20	< 10	50	36	5	< 5
884422	0.06	74.72	15.33	0.58	0.071	0.03	0.35	5.92	2.35	0.002	0.18	0.77	100.3	< 1	184	< 5	< 20	< 1	< 20	< 10	50	39	6	< 5
884423	0.11	65.43	15.92	5.69	0.120	2.49	3.08	3.50	2.33	0.526	0.27	1.21	100.6	14	36	113	120	20	60	40	170	25	4	6
884424	0.11	65.56	14.84	6.68	0.160	2.87	3.23	2.96	2.03	0.600	0.14	1.39	100.5	15	8	118	150	22	70	50	180	20	3	< 5
884425	0.30	75.71	14.30	1.04	0.066	0.05	0.33	3.59	2.35	0.006	0.10	0.81	98.36	< 1	235	6	< 20	< 1	< 20	< 10	70	41	5	< 5
884426	0.14	75.56	15.34	1.03	0.107	0.04	0.42	3.90	3.00	0.005	0.08	1.02	100.5	< 1	200	6	< 20	< 1	< 20	10	60	42	6	< 5
884427	0.30	75.98	13.99	0.93	0.048	0.03	0.29	4.10	2.83	0.003	0.16	0.45	98.81	< 1	175	< 5	< 20	< 1	< 20	< 10	70	31	6	< 5
884428	0.11	66.69	15.07	6.24	0.123	2.44	3.88	2.56	1.87	0.599	0.17	1.01	100.6	16	11	123	140	22	70	60	120	21	4	5
884429	0.75	73.97	16.52	1.05	0.116	0.04	0.29	3.81	2.74	0.006	0.16	0.49	99.19	< 1	161	6	< 20	< 1	< 20	< 10	100	42	6	< 5
884430	< 0.01	99.60	0.36	0.70	0.009	0.02	0.03	0.04	0.06	0.031	0.01	0.04	100.9	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	1	2	< 5
884431	0.64	73.62	16.61	1.05	0.073	0.03	0.29	3.97	2.50	0.004	0.12	0.46	98.74	< 1	167	< 5	< 20	< 1	< 20	< 10	50	35	4	< 5
884432	0.14	64.61	15.86	6.50	0.187	2.75	2.60	3.48	2.34	0.605	0.27	1.72	100.9	16	13	119	130	21	60	40	110	20	1	< 5
884433	0.68	73.77	16.04	1.10	0.115	0.05	0.25	3.47	3.12	0.004	0.19	0.77	98.85	< 1	145	< 5	< 20	< 1	< 20	< 10	80	36	3	< 5
884434	0.66	73.83	16.39	1.00	0.118	0.03	0.30	4.71	1.88	0.002	0.19	0.59	99.05	< 1	173	< 5	< 20	< 1	< 20	< 10	30	37	4	< 5
884435	0.09	64.09	14.34	6.73	0.162	2.81	3.14	3.15	1.75	0.590	0.16	1.57	98.49	14	2	113	140	21	50	50	190	17	< 1	< 5
884436	0.15	60.09	16.47	7.36	0.102	2.74	2.07	3.66	3.36	0.668	0.21	1.46	98.18	20	19	145	140	25	70	50	120	22	2	< 5
884437	0.57	73.24	15.94	1.08	0.101	0.10	0.28	3.47	3.71	0.020	0.28	0.65	98.86	< 1	146	7	< 20	< 1	< 20	< 10	90	33	4	< 5
884438	0.64	74.19	16.00	1.06	0.108	0.04	0.25	3.91	2.48	0.003	0.16	0.70	98.89	< 1	171	< 5	< 20	< 1	< 20	< 10	40	35	3	< 5
884439	0.12	73.32	15.08	1.40	0.066	0.61	0.32	3.93	4.27	0.002	0.13	1.14	100.3	< 1	128	< 5	< 20	2	< 20	< 10	< 30	30	3	< 5
884440	0.73	73.84	15.73	3.25	0.094	0.06	0.26	3.41	2.45	0.003	0.19	0.18	99.46	< 1	153	6	20	1	< 20	40	90	37	4	< 5
884441	0.05	73.91	15.44	0.75	0.094	0.07	0.37	6.17	2.15	0.002	0.33	0.71	99.99	< 1	65	< 5	< 20	< 1	< 20	< 10	30	30	3	< 5
884442	0.13	60.24	16.73	7.27	0.108	2.87	2.08	3.72	3.15	0.665	0.25	1.56	98.65	20	15	143	120	24	60	40	80	21	1	< 5
884443	0.10	60.73	15.58	7.52	0.131	3.20	2.01	2.63	3.90	0.677	0.15	1.76	98.29	19	6	148	130	24	60	20	90	20	< 1	< 5
884444	0.03	73.23	15.32	0.81	0.081	0.10	0.40	6.12	2.77	0.003	0.22	0.72	99.77	< 1	141	6	< 20	6	< 20	< 10	< 30	30	3	< 5
884445	0.07	65.09	15.95	6.27	0.107	2.56	3.12	3.64	2.20	0.615	0.17	1.12	100.8	16	5	119	120	22	50	40	80	18	< 1	< 5
884446	0.07	63.53	15.62	6.11	0.109	2.58	3.32	3.68	2.11	0.608	0.17	1.40	99.25	15	5	119	120	21	60	50	100	18	< 1	< 5
884447	0.06	62.51	14.45	6.86	0.129	3.60	4.97	3.15	1.74	0.580	0.20	1.30	99.49	17	7	127	290	23	70	50	100	17	1	< 5
884448	0.02	73.09	15.15	0.89	0.049	0.06	0.34	4.09	5.30	0.006	0.16	0.74	99.89	< 1	117	6	< 20	< 1	< 20	10	< 30	29	2	< 5
884449	0.13	72.70	15.99	1.36	0.066	0.30	0.52	4.94	3.06	0.049	0.27	0.95	100.2	1	116	15	< 20	2	< 20	10	30	34	3	< 5
884450	< 0.01	97.26	0.35	0.89	0.010	0.02	0.02	0.03	0.06	0.031	0.03	0.12	98.82	< 1	< 1	5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884451	0.07	63.49	14.65	6.53	0.120	3.33	4.21	3.28	1.76	0.543	0.20	1.53	99.65	15	8	110	230	23	60	160	140	19	1	< 5

Activation Laboratories Ltd. Report: A11-13848

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884419	284	416	13	183	7	46	1.2	< 0.2	25	< 0.5	192	516	0.6	5.0	2.3	1	2.5	18	11.4	3.8	
884420	336	23	< 2	71	22	12	< 0.5	< 0.2	46	< 0.5	21.4	58	0.6	2.4	15.4	3	2.4	9	2.2	2.6	
884421	458	31	< 2	15	33	< 2	< 0.5	< 0.2	85	< 0.5	30.5	18	1.4	1.4	30.0	< 1	3.0	10	1.5	6.4	2.63
884422	633	30	< 2	35	28	< 2	0.5	< 0.2	87	0.6	40.0	35	3.1	2.5	20.0	3	4.2	16	1.2	6.8	
884423	437	358	11	104	13	< 2	1.0	< 0.2	41	0.8	133	702	0.6	3.2	5.9	7	3.7	35	6.1	3.3	
884424	380	341	12	135	6	< 2	1.2	< 0.2	16	< 0.5	163	509	< 0.4	3.6	2.0	2	3.3	26	7.9	2.6	
884425	586	29	< 2	9	27	2	0.6	< 0.2	71	0.6	44.3	47	2.4	1.0	25.7	3	3.7	18	2.3	9.7	2.72
884426	649	34	< 2	10	34	< 2	0.8	< 0.2	77	0.5	45.3	59	3.7	1.4	42.1	4	3.9	17	2.1	7.6	
884427	604	32	< 2	10	37	3	0.9	< 0.2	41	0.7	40.7	39	1.5	1.5	51.9	3	4.3	20	1.8	6.0	
884428	438	411	12	123	8	3	1.2	< 0.2	12	0.8	190	550	0.6	3.3	2.0	3	4.1	20	7.3	2.4	
884429	709	26	< 2	12	40	< 2	0.6	< 0.2	63	0.6	46.7	22	2.2	1.7	43.5	1	5.2	22	2.8	11.8	2.71
884430	3	5	< 2	57	< 1	< 2	0.9	< 0.2	< 1	0.5	< 0.5	26	< 0.4	1.7	0.1	2	0.4	< 5	0.7	0.3	
884431	579	27	< 2	13	25	< 2	< 0.5	< 0.2	50	< 0.5	43.1	31	0.9	0.9	24.8	< 1	4.5	17	1.7	5.4	
884432	348	372	12	112	7	< 2	< 0.5	< 0.2	14	< 0.5	113	534	< 0.4	2.6	1.6	< 1	3.3	34	6.9	2.0	
884433	716	36	< 2	9	20	< 2	< 0.5	< 0.2	87	< 0.5	48.5	75	1.5	0.9	15.9	1	5.4	15	1.2	4.5	2.42
884434	490	26	< 2	15	19	< 2	< 0.5	< 0.2	86	< 0.5	35.2	61	0.8	1.4	20.2	< 1	3.6	20	1.1	5.9	
884435	109	372	12	137	5	< 2	0.7	< 0.2	4	< 0.5	34.7	473	< 0.4	3.1	0.5	< 1	1.0	61	7.5	2.2	
884436	450	278	14	120	9	4	0.6	< 0.2	37	< 0.5	272	812	< 0.4	2.8	4.1	2	3.5	16	7.2	2.5	
884437	997	39	< 2	17	24	34	< 0.5	< 0.2	82	< 0.5	84.5	48	2.0	1.3	35.5	1	8.4	18	1.2	5.6	2.73
884438	597	26	< 2	10	23	< 2	< 0.5	< 0.2	58	< 0.5	48.0	44	2.4	0.7	20.2	< 1	4.8	17	1.6	8.0	
884439	651	91	< 2	14	19	< 2	< 0.5	< 0.2	53	< 0.5	41.7	673	0.5	0.9	19.1	< 1	4.4	9	1.2	2.8	
884440	643	43	< 2	18	42	20	< 0.5	< 0.2	94	< 0.5	41.9	106	0.5	1.6	29.2	2	4.4	16	1.8	4.4	
884441	480	30	3	20	27	< 2	< 0.5	< 0.2	48	< 0.5	34.8	57	0.6	1.9	34.4	1	3.3	10	1.3	5.9	
884442	356	265	12	114	9	9	< 0.5	< 0.2	20	< 0.5	220	852	< 0.4	2.7	6.3	1	3.3	17	7.1	2.8	
884443	271	214	13	127	6	< 2	< 0.5	< 0.2	13	< 0.5	123	1033	< 0.4	2.8	0.9	1	1.9	10	7.0	2.9	
884444	525	33	< 2	20	34	< 2	< 0.5	< 0.2	45	< 0.5	35.1	213	< 0.4	2.1	54.4	< 1	3.5	8	1.2	3.4	2.66
884445	163	391	11	120	5	< 2	< 0.5	< 0.2	4	< 0.5	64.6	657	< 0.4	2.7	0.6	< 1	1.4	18	6.5	2.0	
884446	153	385	11	119	5	< 2	< 0.5	< 0.2	4	< 0.5	55.8	639	< 0.4	2.6	1.8	< 1	1.2	48	6.6	2.1	
884447	146	481	12	163	6	< 2	0.5	< 0.2	8	< 0.5	47.8	590	< 0.4	3.5	1.7	< 1	1.2	19	7.8	2.8	
884448	1000	50	< 2	9	20	< 2	< 0.5	< 0.2	43	< 0.5	45.3	70	0.5	0.4	12.3	< 1	6.8	20	1.6	6.0	2.60
884449	700	45	< 2	20	24	5	< 0.5	< 0.2	79	< 0.5	78.2	104	1.3	1.0	24.3	2	5.0	12	1.7	3.7	
884450	< 2	5	< 2	54	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	26	< 0.4	1.1	< 0.1	< 1	0.2	< 5	0.6	0.3	
884451	129	411	10	136	5	5	0.5	< 0.2	8	< 0.5	25.7	498	1.1	3.1	0.9	1	1.0	22	7.8	2.4	

Activation Laboratories Ltd. Report: A11-13848

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	1	5	2	2		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP		
NIST 694 Meas		11.32	1.90	0.73	0.013	0.35	43.52	0.87	0.53	0.117	30.20															
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2															
DNC-1 Meas		46.81	18.74	9.73	0.146	10.07	11.27	1.93	0.23	0.484	0.08	31												145		
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070	31													144.0	
GBW 07113 Meas		73.27	13.01	3.28	0.143	0.14	0.58	2.54	5.45	0.285	0.04	5	4	6											42	
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500	5.00	4.00	5.00											43.0	
LKSD-3 Meas																										
LKSD-3 Cert																										
TDB-1 Meas																										
TDB-1 Cert																										
W-2a Meas		52.38	15.20	10.71	0.167	6.28	11.03	2.22	0.61	1.075	0.14	35	< 1	278												
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130	36.0	1.30	262												
SY-4 Meas		49.36	20.21	6.04	0.106	0.50	7.96	6.93	1.62	0.278	0.12	< 1	3	6												
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131	1.1	2.6	8.0												
CTA-AC-1 Meas																										
CTA-AC-1 Cert																										
BIR-1a Meas		48.15	15.95	11.32	0.171	9.64	13.32	1.87	0.02	0.982	0.01	43	< 1	338	370	54	160	130	80	16						
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021	44	0.58	310	370	52	170	125	70	16						
ZW-C Meas	1.03																									
ZW-C Cert	1.13																									
NCS DC86302 Meas		73.77	15.03	0.58	0.037	0.08	0.61	4.51	3.86	0.012	0.04															
NCS DC86302 Cert		73.99	14.86	0.593	0.036	0.069	0.584	4.67	3.89	0.016	0.013															
NCS DC70014 Meas																										
NCS DC70014 Cert																										
NCS DC70009 (GBW07241) Meas																										
NCS DC70009 (GBW07241) Cert																										
OREAS 100a (Fusion) Meas																										
OREAS 100a (Fusion) Cert																										
OREAS 101a (Fusion) Meas																										
OREAS 101a (Fusion) Cert																										
OREAS 101b (Fusion) Meas																										
OREAS 101b (Fusion) Cert																										
JR-1 Meas																										
JR-1 Cert																										
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.22																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.09																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.78																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.80																									
NCS DC86314 Cert	1.81																									
884428 Orig	0.11																									
884428 Dup	0.11																									
884431 Orig																										
884431 Dup		73.62	16.61	1.05	0.073	0.03	0.29	3.97	2.50	0.004	0.12	< 1	167	< 5	< 20	< 1	< 20	< 10	40	35	4	< 5	588			
884438 Orig	0.64																									

Activation Laboratories Ltd. Report: A11-13848

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	20	1	20	10	30	1	1	5	2	2	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	
884438 Dup	0.64																								
884446 Orig		63.57	15.61	6.09	0.107	2.57	3.31	3.67	2.10	0.607	0.17	15	5	118	120	21	50	50	100	18	< 1	< 5	150	384	
884446 Dup		63.49	15.63	6.14	0.110	2.59	3.33	3.69	2.12	0.609	0.16	15	5	120	120	21	60	50	100	18	< 1	< 5	155	386	
884448 Orig	0.02	73.09	15.15	0.89	0.049	0.06	0.34	4.09	5.30	0.006	0.16	< 1	117	6	< 20	< 1	< 20	10	< 30	29	2	< 5	1000	50	
884448 Split	0.02	72.67	15.15	0.87	0.048	0.07	0.34	4.08	5.30	0.005	0.16	< 1	113	< 5	< 20	< 1	< 20	10	< 30	29	2	< 5	995	50	
884448 Orig	0.02																								
884448 Dup	0.02																								
Method Blank															< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	< 2		
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank																									

Activation Laboratories Ltd. Report: A11-13848

Quality Control																						
Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	LOI	Total	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%	
Detection Limit	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01		0.01	
Analysis Method	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	FUS-ICP	FUS-ICP	
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas	16	33						1.2		104												
DNC-1 Cert	18.0	38						0.96		118												
GBW 07113 Meas	46	387								506												
GBW 07113 Cert	43.0	403								506												
LKSD-3 Meas				< 2	1.8		3	1.3	2.4				0.7	2			10.6	4.5				
LKSD-3 Cert				2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60				
TDB-1 Meas																						
TDB-1 Cert																						
W-2a Meas	20	82	7	< 2	< 0.5			0.8	0.9	173	< 0.4	2.5		< 1		8	2.4					
W-2a Cert	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60		0.300		9.30	2.40					
SY-4 Meas	115	546								338												
SY-4 Cert	119	517								340												
CTA-AC-1 Meas													2.8				23.5	4.3				
CTA-AC-1 Cert													2.65				21.8	4.4				
BIR-1a Meas	14	14	< 1					0.7		8		0.6				< 5						
BIR-1a Cert	16	18	0.6					0.58		6		0.60				3						
ZW-C Meas													82.7									
ZW-C Cert													82									
NCS DC86302 Meas																						
NCS DC86302 Cert																						
NCS DC70014 Meas				270	16.6			180		80.3						27200						
NCS DC70014 Cert				270	16.7			180.000		80.3						27200.00						
NCS DC70009 (GBW07241) Meas						1.3	1700	3.2	43.0					2200			30.0					
NCS DC70009 (GBW07241) Cert						1.3	1701.000	3.1	41					2200.00			28.3					
OREAS 100a (Fusion) Meas				22													51.7	137				
OREAS 100a (Fusion) Cert				24.1													51.6	135				
OREAS 101a (Fusion) Meas				20													36.2	421				
OREAS 101a (Fusion) Cert				21.9													36.6	422				
OREAS 101b (Fusion) Meas				20													36.7	388				
OREAS 101b (Fusion) Cert				20.9													37.1	396				
JR-1 Meas			14	3	< 0.5	< 0.2	4	1.1	20.7		0.6	4.4	1.8	2	1.6	21	26.4	9.0				
JR-1 Cert			15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88				
SARM 3 Meas			979																			
SARM 3 Cert			978																			
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884428 Orig																						
884428 Dup																						
884431 Orig			25	< 2	< 0.5	< 0.2	50	< 0.5	43.4		0.8	0.9	25.0	< 1	4.6	15	1.6	5.5				
884431 Dup	< 2	13	25	< 2	< 0.5	< 0.2	50	< 0.5	42.7	31	0.9	0.9	24.6	< 1	4.3	19	1.7	5.4	0.46		98.74	
884438 Orig																						

Activation Laboratories Ltd. Report: A11-13848

Quality Control																					
Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	LOI	Total	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Detection Limit	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01		0.01
Analysis Method	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	FUS-ICP	FUS-ICP
884438 Dup																					
884446 Orig	11	118	5	< 2	< 0.5	< 0.2	4	< 0.5	55.0	644	< 0.4	2.6	1.7	< 1	1.1	44	6.5	2.1		1.40	99.22
884446 Dup	11	120	5	< 2	< 0.5	< 0.2	4	< 0.5	56.6	635	< 0.4	2.6	1.8	< 1	1.2	52	6.6	2.1		1.40	99.28
884448 Orig	< 2	9	20	< 2	< 0.5	< 0.2	43	< 0.5	45.3	70	0.5	0.4	12.3	< 1	6.8	20	1.6	6.0	2.60	0.74	99.89
884448 Split	< 2	8	21	< 2	< 0.5	< 0.2	44	< 0.5	46.0	70	0.8	0.4	12.8	< 1	7.5	22	1.5	6.0	2.64	0.69	99.38
884448 Orig																					
884448 Dup																					
Method Blank			< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1			
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					1.00



Date Submitted: 21-Nov-11
Invoice No.: A11-13848 (i)
Invoice Date: 08-Jan-12
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

4 Pulp samples and 29 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13848 (i)**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Spec Grav
Unit Symbol	-
Detection Limit	0.01
Analysis Method	GRAV

884433 2.69

Quality Control

Analyte Symbol	Spec Grav
Unit Symbol	-
Detection Limit	0.01
Analysis Method	GRAV

884433 Orig	2.70
884433 Dup	2.69
Method Blank	1.00



Date Submitted: 25-Nov-11
Invoice No.: A11-14107
Invoice Date: 22-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 17 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14107**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14107

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884477	0.13	64.35	15.39	6.91	0.098	3.46	2.05	3.11	2.84	0.611	0.18	1.62	100.6	17	29	122	270	22	70	80	120	20	3	< 5
884478	0.21	69.53	15.55	3.36	0.072	1.49	1.20	3.52	2.97	0.245	0.63	1.59	100.2	6	130	51	100	9	20	< 10	110	35	4	< 5
884479	0.19	71.41	16.26	1.43	0.051	0.40	0.52	5.50	1.58	0.059	0.19	0.95	98.36	2	151	17	30	3	< 20	< 10	50	39	6	< 5
884480	0.72	74.27	15.56	3.28	0.094	0.06	0.28	3.40	2.48	0.004	0.15	-0.07	99.50	< 1	151	< 5	30	1	20	50	100	40	6	< 5
884481	0.12	64.13	14.11	6.28	0.108	3.38	3.60	2.76	1.79	0.559	0.15	1.52	98.37	15	5	115	220	20	70	50	90	18	3	< 5
884482	0.12	64.00	14.64	6.63	0.103	3.49	2.12	2.74	2.75	0.591	0.26	1.75	99.07	16	13	122	220	21	70	60	110	21	4	< 5
884483	0.36	73.11	15.51	1.18	0.094	0.18	0.43	4.06	2.73	0.009	0.17	0.83	98.32	< 1	162	7	< 20	1	< 20	< 10	< 30	40	5	< 5
884484	0.28	72.52	15.88	1.04	0.053	0.15	0.40	4.50	3.27	0.002	0.17	0.78	98.77	< 1	212	< 5	< 20	1	< 20	< 10	< 30	38	5	< 5
884485	0.12	64.39	14.88	6.43	0.106	3.36	1.79	3.38	2.49	0.572	0.25	1.64	99.28	15	23	116	210	20	70	50	80	20	4	< 5
884486	0.12	64.68	15.00	6.62	0.105	3.49	1.71	3.35	2.65	0.579	0.22	1.61	100.0	16	13	116	220	20	70	60	80	20	3	< 5
884487	0.31	74.04	15.28	1.14	0.053	0.25	0.50	4.44	2.61	0.009	0.27	0.78	99.37	< 1	160	< 5	< 20	2	< 20	< 10	30	35	5	< 5
884488	0.79	76.69	14.03	1.42	0.084	0.08	0.29	2.38	2.48	0.003	0.13	0.48	98.08	< 1	165	< 5	< 20	< 1	< 20	10	390	36	5	< 5
884489	0.78	74.17	16.37	1.29	0.071	0.05	0.39	3.57	2.01	0.002	0.19	0.51	98.63	< 1	191	< 5	< 20	< 1	< 20	< 10	< 30	43	5	< 5
884490	< 0.01	96.44	0.34	1.41	0.014	0.01	0.01	0.03	0.06	0.031	< 0.01	-0.09	98.27	< 1	< 1	5	< 20	< 1	< 20	< 10	< 30	1	2	< 5
884491	0.86	76.60	15.39	1.44	0.082	0.05	0.31	3.38	1.21	0.004	0.16	0.36	98.96	< 1	148	< 5	< 20	< 1	< 20	< 10	30	40	5	< 5
884492	0.50	72.82	15.27	1.55	0.068	0.32	0.57	4.15	2.16	0.048	0.25	0.65	97.86	1	167	14	50	5	< 20	< 10	50	39	11	13
884493	0.11	63.61	14.75	6.85	0.141	3.63	1.43	3.20	2.50	0.590	0.18	1.82	98.68	16	8	116	220	19	70	60	90	21	3	< 5
884494	0.26	74.14	14.82	1.17	0.054	0.30	0.41	4.64	2.55	0.014	0.20	0.66	98.96	< 1	139	8	< 20	3	< 20	10	< 30	37	5	< 5
884495	0.08	63.47	14.84	6.32	0.144	3.21	1.51	4.14	1.88	0.475	0.37	2.17	98.56	12	23	93	200	19	60	40	130	25	3	< 5

Activation Laboratories Ltd. Report: A11-14107

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884477	653	351	11	145	10	< 2	1.2	< 0.2	35	< 0.5	232	530	0.8	3.3	7.7	< 1	6.4	14	7.2	2.7	
884478	1260	138	7	71	50	< 2	0.5	< 0.2	135	< 0.5	315	228	2.2	3.5	71.6	2	10.2	9	5.3	5.4	
884479	539	55	< 2	26	48	2	< 0.5	< 0.2	69	< 0.5	66.9	79	2.5	1.6	40.2	< 1	4.0	11	2.4	4.0	
884480	599	43	< 2	17	43	21	< 0.5	< 0.2	81	< 0.5	39.4	105	1.2	1.8	28.6	< 1	4.2	16	1.7	4.3	
884481	152	381	13	126	5	< 2	0.6	< 0.2	5	< 0.5	63.0	445	1.2	2.8	0.6	< 1	1.5	14	6.2	2.0	
884482	324	287	12	126	10	< 2	0.5	< 0.2	26	< 0.5	130	658	1.7	3.2	9.8	< 1	2.8	20	6.5	2.5	
884483	561	42	3	45	32	< 2	< 0.5	< 0.2	53	< 0.5	42.0	242	6.0	3.9	39.6	< 1	3.7	17	2.2	13.5	
884484	589	46	< 2	15	31	< 2	< 0.5	< 0.2	45	< 0.5	40.7	318	6.9	1.4	33.4	< 1	4.1	14	1.4	6.8	2.65
884485	328	295	11	129	7	< 2	< 0.5	< 0.2	22	< 0.5	155	469	2.0	3.0	3.2	3	3.0	12	6.3	2.5	
884486	334	298	10	126	6	< 2	0.5	< 0.2	21	< 0.5	163	495	2.7	3.0	1.8	30	2.9	12	6.2	2.2	
884487	528	59	< 2	10	31	< 2	< 0.5	< 0.2	57	< 0.5	42.3	361	2.6	0.9	47.0	< 1	3.7	12	2.0	5.3	
884488	494	45	< 2	< 4	9	< 2	< 0.5	< 0.2	33	< 0.5	32.1	153	9.5	0.2	3.7	< 1	3.7	12	0.5	3.0	
884489	454	51	< 2	15	28	< 2	< 0.5	< 0.2	56	< 0.5	34.3	160	12.6	1.6	26.6	< 1	3.1	13	1.4	7.0	2.69
884490	2	4	< 2	93	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	24	< 0.4	2.3	< 0.1	< 1	0.2	< 5	0.7	0.5	
884491	266	42	< 2	4	11	< 2	< 0.5	< 0.2	40	< 0.5	24.0	97	8.1	0.5	7.4	< 1	1.7	8	0.4	1.7	
884492	576	64	< 2	29	40	3	< 0.5	< 0.2	66	< 0.5	75.4	131	2.2	2.3	54.6	< 1	4.1	15	2.5	6.7	
884493	320	303	11	143	6	< 2	< 0.5	< 0.2	26	< 0.5	145	494	0.8	3.2	1.0	< 1	3.1	34	6.6	2.1	
884494	577	73	< 2	20	54	< 2	< 0.5	< 0.2	75	< 0.5	48.3	320	0.6	2.2	78.8	< 1	4.0	12	1.9	8.2	
884495	200	225	10	122	20	< 2	< 0.5	< 0.2	38	< 0.5	61.5	317	0.5	3.4	25.0	< 1	1.5	26	5.9	3.8	

Activation Laboratories Ltd. Report: A11-14107

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
TAN-1 Meas																									
TAN-1 Cert																									
NIST 694 Meas		11.77	1.93	0.73	0.011	0.32	42.88	0.87	0.55	0.115	30.21					1677									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		46.92	18.45	9.60	0.146	9.96	11.46	1.89	0.22	0.466	0.07			31		156	270	58	250	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.00	12.92	3.23	0.145	0.12	0.58	2.47	5.39	0.277	0.05			5	4	5									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	40	30					
LKSD-3 Cert																	87.0	30.0	47.0	35.0					
W-2a Meas		52.40	15.27	10.57	0.167	6.23	11.08	2.21	0.62	1.070	0.12			35	< 1	277	90	44	60	110	80	19			
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0			
DTS-2b Meas																					122				
DTS-2b Cert																					120				
SY-4 Meas		49.60	20.45	6.14	0.106	0.49	8.13	6.85	1.64	0.284	0.12			2	3	5									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																							30		
CTA-AC-1 Cert																						38.0			
BIR-1a Meas		47.87	15.91	11.07	0.172	9.49	13.56	1.82	0.02	0.954	0.02			44	< 1	335	380	54	160	130	70	15			
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16			
ZW-C Meas	1.14																					1060	99		
ZW-C Cert	1.13																					1050	99		
NCS DC70014 Meas																		26	70	2620	7400	26			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920		16	11	69	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000		16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		17		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		47		410					
OREAS 101a (Fusion) Cert																		48.8		434					
JR-1 Meas																		< 20	< 1	< 20	< 10	30	17	16	
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	16.3	
USZ 44-2007 Meas																									
USZ 44-2007 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.04																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.68																								
NCS DC86314 Cert	1.81																								
884486 Orig	0.12																								
884486 Dup	0.12																								
884495 Orig	0.08	63.47	14.84	6.32	0.144	3.21	1.51	4.14	1.88	0.475	0.37	2.17	98.56	12	23	93	200	19	60	40	130	25	3	< 5	
884495 Split	0.08	63.47	14.50	6.26	0.144	3.21	1.52	4.11	1.88	0.472	0.38	2.13	98.08	13	23	93	200	18	60	40	140	25	3	< 5	
Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-14107

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
TAN-1 Meas																				2410	
TAN-1 Cert																					2360
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		142	15	41						1.2		104									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	43	387								497									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	73					< 2	2.1		3	1.3	2.4				0.7	2			10.6	4.3	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
W-2a Meas	20	195	19	87	7	< 2	< 0.5			0.7	0.9	173	< 0.4	2.5	0.5			9	2.4	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500			9.30	2.40	0.530	
DTS-2b Meas																					
DTS-2b Cert																					
SY-4 Meas		1196	112	541								340									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.6	2.8				23.9	4.3	
CTA-AC-1 Cert														1.13	2.65				21.8	4.4	
BIR-1a Meas		109	13	15	< 1					0.9		7							< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6							3		
ZW-C Meas	8550				203						266		15.1	9.8	83.2	325	33.6	80			
ZW-C Cert	8500				198						260		15.0	9.7	82	320	34	80			
NCS DC70014 Meas						270	16.7				180		80.3							27200	
NCS DC70014 Cert						270	16.7				180.000		80.3							27200.00	
NCS DC70009 (GBW07241) Meas	501						2.9	1.3	1700	4.0	41.8					2200				29.6	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00				28.3	
OREAS 100a (Fusion) Meas						23														51.3	136
OREAS 100a (Fusion) Cert						24.1														51.6	135
OREAS 101a (Fusion) Meas						20														35.9	422
OREAS 101a (Fusion) Cert						21.9														36.6	422
JR-1 Meas	252				14	3	< 0.5	< 0.2	4	1.7	20.8			4.0	1.9		1.6	20	27.5	9.1	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88	
USZ 44-2007 Meas																				127	
USZ 44-2007 Cert																				126	
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884486 Orig																					
884486 Dup																					
884495 Orig	200	225	10	122	20	< 2	< 0.5	< 0.2	38	< 0.5	61.5	317	0.5	3.4	25.0	< 1	1.5	26	5.9	3.8	
884495 Split	198	222	9	118	20	< 2	< 0.5	< 0.2	40	< 0.5	62.8	315	0.5	3.3	26.0	< 1	1.4	27	6.2	3.8	
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					
Method Blank																					



Date Submitted: 25-Nov-11
Invoice No.: A11-14108
Invoice Date: 20-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 23 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14108**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Eseme, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14108

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884452	0.09	63.48	15.88	6.43	0.128	3.15	3.25	3.34	2.64	0.614	0.18	1.74	100.8	16	3	124	200	24	70	50	160	21	2	< 5
884453	0.63	74.79	16.08	0.98	0.139	0.04	0.32	4.27	2.11	0.005	0.24	0.72	99.70	< 1	164	< 5	< 20	< 1	< 20	< 10	110	38	5	< 5
884454	0.32	76.51	14.08	0.79	0.086	0.03	0.28	4.05	3.10	0.001	0.25	0.66	99.85	< 1	217	< 5	< 20	< 1	< 20	< 10	100	30	5	< 5
884455	0.63	74.73	15.92	1.02	0.113	0.03	0.23	3.91	3.06	0.002	0.19	0.65	99.86	< 1	161	< 5	< 20	< 1	< 20	< 10	100	38	5	< 5
884456	0.60	72.65	16.18	0.99	0.091	0.02	0.24	3.70	3.20	0.003	0.14	0.77	97.98	< 1	225	< 5	< 20	< 1	< 20	< 10	490	41	5	< 5
884457	0.42	76.06	15.48	0.81	0.067	0.04	0.27	3.81	3.20	0.003	0.16	0.79	100.7	< 1	188	< 5	< 20	< 1	< 20	< 10	50	35	5	< 5
884458	0.44	74.50	16.28	0.95	0.074	0.20	0.36	3.60	2.92	0.003	0.21	1.03	100.1	< 1	187	< 5	< 20	< 1	< 20	< 10	60	39	5	< 5
884459	0.25	74.20	15.40	0.83	0.089	0.06	0.62	4.97	2.24	0.009	0.27	0.78	99.47	< 1	186	5	< 20	< 1	< 20	< 10	50	36	4	< 5
884460	0.35	87.18	8.12	1.69	0.048	0.03	0.17	1.75	1.34	0.034	0.08	0.07	100.5	< 1	75	6	20	1	< 20	30	60	20	3	< 5
884461	0.08	63.98	14.73	5.86	0.122	2.99	3.59	3.42	2.17	0.500	0.21	1.59	99.15	14	9	105	210	20	60	40	80	20	2	< 5
884462	0.10	66.85	15.46	4.42	0.098	2.57	2.67	3.89	2.16	0.395	0.29	1.44	100.2	10	82	80	140	16	50	30	100	24	3	< 5
884463	0.39	76.96	14.92	0.76	0.053	0.08	0.35	4.42	2.20	0.003	0.20	0.83	100.8	< 1	216	5	< 20	< 1	< 20	< 10	70	36	5	< 5
884464	0.68	74.84	15.45	1.01	0.094	0.05	0.35	3.72	2.29	0.002	0.25	0.72	98.78	< 1	189	6	< 20	< 1	< 20	< 10	80	39	5	< 5
884465	0.45	70.73	17.25	1.02	0.113	0.03	0.28	4.41	3.70	0.003	0.24	0.91	98.69	< 1	129	< 5	< 20	< 1	< 20	< 10	80	43	4	< 5
884466	0.53	73.19	16.44	0.93	0.073	0.02	0.29	4.15	3.38	0.002	0.18	0.71	99.36	< 1	152	6	< 20	< 1	< 20	< 10	70	38	4	< 5
884467	0.65	74.13	16.11	0.88	0.083	0.01	0.26	3.67	3.53	0.001	0.20	0.49	99.37	< 1	167	< 5	< 20	< 1	< 20	< 10	100	35	5	< 5
884468	0.15	73.79	15.05	0.92	0.087	0.19	0.52	6.06	1.53	0.031	0.21	0.68	99.06	< 1	173	10	< 20	1	< 20	< 10	110	36	5	< 5
884469	0.17	64.88	15.11	6.26	0.085	3.68	3.83	3.15	2.11	0.540	0.22	1.13	101.0	15	38	113	240	23	60	40	90	21	2	< 5
884470	< 0.01	99.49	0.34	0.35	0.003	< 0.01	0.04	0.03	0.06	0.036	< 0.01	0.11	100.5	< 1	< 1	8	< 20	< 1	< 20	< 10	< 30	< 1	1	< 5
884471	0.15	63.17	14.81	6.64	0.097	3.69	4.13	3.04	1.93	0.575	0.15	1.06	99.30	16	2	119	260	24	70	50	90	19	2	< 5
884472	0.82	74.57	15.94	1.04	0.104	0.02	0.29	4.34	1.06	0.004	0.12	0.61	98.11	< 1	201	6	< 20	< 1	< 20	< 10	40	40	5	< 5
884473	0.64	75.77	16.32	0.96	0.097	0.01	0.27	4.53	1.87	0.002	0.16	0.61	100.6	< 1	197	5	< 20	< 1	< 20	< 10	30	37	5	< 5
884474	0.14	63.42	14.89	6.58	0.116	3.40	3.74	2.69	2.37	0.537	0.26	1.50	99.50	15	10	114	250	22	60	40	90	19	2	< 5
884475	0.40	74.33	15.73	0.92	0.111	0.04	0.43	5.44	1.43	0.007	0.19	0.67	99.29	< 1	185	5	< 20	< 1	< 20	< 10	60	41	5	< 5
884476	0.12	62.98	15.01	6.70	0.103	3.39	4.11	3.05	1.98	0.569	0.17	1.01	99.08	15	2	123	270	25	70	40	90	19	2	< 5

Activation Laboratories Ltd. Report: A11-14108

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884452	167	388	13	130	6	< 2	0.8	< 0.2	15	< 0.5	60.0	818	0.4	3.3	0.9	6	1.5	23	7.0	2.3	
884453	655	36	< 2	16	48	< 2	< 0.5	< 0.2	94	< 0.5	54.3	72	2.5	2.0	59.6	< 1	5.1	16	1.7	6.4	
884454	852	31	< 2	15	31	32	< 0.5	< 0.2	62	< 0.5	59.4	46	7.5	1.4	34.1	1	6.7	18	1.1	5.4	
884455	789	32	< 2	11	37	< 2	< 0.5	< 0.2	87	< 0.5	51.1	53	12.3	1.3	29.8	3	6.2	23	1.7	5.9	
884456	709	31	< 2	10	47	31	< 0.5	< 0.2	68	< 0.5	59.1	47	1.3	1.4	70.7	< 1	4.8	29	2.9	8.3	
884457	901	32	< 2	10	43	< 2	< 0.5	< 0.2	68	< 0.5	63.1	50	1.6	1.2	46.6	2	7.5	20	1.7	5.2	2.68
884458	737	35	< 2	17	50	< 2	< 0.5	< 0.2	95	< 0.5	59.7	81	2.8	2.0	39.4	1	4.9	20	2.4	9.1	
884459	548	31	2	22	37	< 2	< 0.5	< 0.2	66	< 0.5	43.6	54	3.2	2.6	40.7	2	3.8	19	1.4	9.3	
884460	320	25	3	67	21	12	< 0.5	< 0.2	41	< 0.5	20.2	61	1.0	2.3	16.3	2	2.5	11	2.0	2.5	
884461	231	368	10	130	6	< 2	0.6	< 0.2	19	< 0.5	62.7	604	0.6	3.3	3.4	2	1.9	16	6.1	2.6	
884462	665	303	8	95	19	< 2	0.5	< 0.2	40	< 0.5	351	413	14.5	3.1	29.6	1	6.6	22	5.2	3.5	
884463	615	35	< 2	16	51	< 2	< 0.5	< 0.2	75	< 0.5	59.3	116	4.4	1.8	82.6	< 1	4.7	14	1.7	5.6	
884464	646	61	< 2	13	33	< 2	< 0.5	< 0.2	102	< 0.5	50.1	336	5.2	1.4	32.6	1	5.0	15	1.2	6.8	2.70
884465	838	41	< 2	7	21	4	< 0.5	< 0.2	59	< 0.5	45.6	41	29.9	0.6	12.0	2	6.6	26	1.0	4.2	
884466	724	35	< 2	9	26	12	< 0.5	< 0.2	53	< 0.5	40.2	33	4.3	0.8	16.5	1	5.4	20	1.0	3.1	
884467	1010	35	< 2	15	33	< 2	< 0.5	< 0.2	78	3.8	66.4	39	3.0	1.5	36.5	< 1	8.4	18	1.2	5.5	
884468	510	61	< 2	30	50	< 2	< 0.5	< 0.2	92	< 0.5	74.8	42	3.0	3.4	71.5	1	4.1	21	1.7	9.0	
884469	287	469	10	137	7	3	0.6	< 0.2	33	< 0.5	311	519	0.7	3.3	5.0	1	3.0	19	6.6	2.3	
884470	< 2	8	< 2	57	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	29	< 0.4	1.4	< 0.1	< 1	0.1	< 5	0.7	0.3	
884471	104	563	12	147	5	< 2	0.6	< 0.2	3	< 0.5	21.0	513	0.4	3.6	0.5	< 1	1.1	18	7.3	2.4	
884472	293	31	< 2	18	47	< 2	< 0.5	< 0.2	68	< 0.5	29.8	13	5.3	1.9	49.5	< 1	1.9	15	2.2	5.4	2.74
884473	464	27	< 2	16	27	< 2	< 0.5	< 0.2	47	< 0.5	31.6	14	19.2	1.6	23.6	< 1	3.3	22	1.5	6.1	
884474	399	444	11	140	7	< 2	0.8	< 0.2	14	< 0.5	120	547	0.6	3.3	5.4	< 1	3.9	16	6.7	2.5	
884475	423	42	< 2	21	53	4	< 0.5	< 0.2	82	< 0.5	42.8	36	2.5	2.7	68.2	< 1	2.9	17	1.7	7.1	
884476	125	467	11	148	5	< 2	1.0	< 0.2	3	< 0.5	33.7	523	0.5	3.9	0.9	2	1.1	17	7.1	2.4	

Activation Laboratories Ltd. Report: A11-14108

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.71	1.89	0.73	0.012	0.32	43.15	0.86	0.55	0.120	30.20					1671									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.12	18.56	9.95	0.148	10.05	11.39	1.90	0.22	0.500	0.07			31	157	270	58	250	100	70					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.39	12.71	3.23	0.142	0.13	0.59	2.46	5.41	0.289	0.06			5	4	8									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	50	30				29	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
W-2a Meas		52.54	15.31	10.72	0.167	6.19	11.00	2.20	0.62	1.091	0.12			35	< 1	276	80	44	70	110	80	18		< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		1.20	
SY-4 Meas		49.81	20.52	6.26	0.106	0.49	7.97	7.01	1.68	0.291	0.13			1	3	8									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																					60	30			
CTA-AC-1 Cert																					54.0	38.0			
BIR-1a Meas		48.00	15.57	11.29	0.172	9.47	13.45	1.80	0.02	0.983	0.02			43	< 1	337	370	54	160	130	70	16			
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16			
ZW-C Meas	1.17																								
ZW-C Cert	1.13																								
NCS DC70014 Meas																			26	70	2610	7400	26		
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																		30	3	< 20	960	17	11	69	
NCS DC70009 (GBW07241) Cert																		30	3.7	2.8	960.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			17		160				
OREAS 100a (Fusion) Cert																			18.1		169				
OREAS 101a (Fusion) Meas																			47		410				
OREAS 101a (Fusion) Cert																			48.8		434				
JR-1 Meas																		< 20	< 1	< 20	< 10	< 30	17	16	
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	16.3	
USZ 44-2007 Meas																									
USZ 44-2007 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	2120																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.81																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.74																								
NCS DC86314 Cert	1.81																								
884456 Orig	0.60																								
884456 Dup	0.60																								
884466 Orig	0.53	73.04	16.45	0.93	0.073	0.02	0.29	4.09	3.33	0.002	0.19	0.71	99.12	< 1	152	6	< 20	< 1	< 20	< 10	60	36	4	< 5	
884466 Dup	0.53	73.34	16.43	0.92	0.073	0.03	0.28	4.21	3.42	0.002	0.18	0.71	99.59	< 1	151	6	< 20	< 1	< 20	< 10	70	40	4	< 5	
884476 Orig	0.12	62.98	15.01	6.70	0.103	3.39	4.11	3.05	1.98	0.569	0.17	1.01	99.08	15	2	123	270	25	70	40	90	19	2	< 5	
884476 Split	0.12	63.50	15.07	6.74	0.104	3.41	4.14	3.10	1.99	0.576	0.16	1.05	99.84	15	2	119	260	25	70	40	90	19	2	< 5	
884476 Orig	0.12																								
884476 Dup	0.12																								
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-14108

Quality Control																				
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																				
NIST 694 Cert																				
DNC-1 Meas		142	16	37						1.0		106								
DNC-1 Cert		144.0	18.0	38						0.96		118								
GBW 07113 Meas		40	45	414								501								
GBW 07113 Cert		43.0	43.0	403								506								
LKSD-3 Meas	72					< 2	2.0		3	1.2	2.4				0.7	1			10.4	4.3
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60
W-2a Meas	20	194	19	93	7	< 2	< 0.5			0.8	0.9	174	< 0.4	2.5	0.5	< 1		9	2.3	0.5
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530
SY-4 Meas		1210	116	544								350								
SY-4 Cert		1191	119	517								340								
CTA-AC-1 Meas														1.3	2.8					4.2
CTA-AC-1 Cert														1.13	2.65					4.4
BIR-1a Meas		106	14	15	< 1					0.6		7		0.5				< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3		
ZW-C Meas	8450				206						267		15.5	9.8	85.0	326	34.7	81		
ZW-C Cert	8500				198						260		15.0	9.7	82	320	34	80		
NCS DC70014 Meas						270	16.7			180			80.3					27200		
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00		
NCS DC70009 (GBW07241) Meas	508						2.5	1.3	1700	3.2	43.8					2200			30.5	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3	
OREAS 100a (Fusion) Meas						23													51.6	136
OREAS 100a (Fusion) Cert						24.1													51.6	135
OREAS 101a (Fusion) Meas						21													36.1	422
OREAS 101a (Fusion) Cert						21.9													36.6	422
JR-1 Meas	249				14	3	< 0.5	< 0.2	4	1.2	21.3			4.1	1.9		1.6	19	27.7	9.3
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88
USZ 44-2007 Meas									127											
USZ 44-2007 Cert									126											
NCS DC86303 Meas																				
NCS DC86303 Cert																				
NCS DC86303 Meas																				
NCS DC86303 Cert																				
NCS DC86304 Meas																				
NCS DC86304 Cert																				
NCS DC86314 Meas																				
NCS DC86314 Cert																				
NCS DC86314 Meas																				
NCS DC86314 Cert																				
884456 Orig																				
884456 Dup																				
884466 Orig	676	35	< 2	10	25	13	< 0.5	< 0.2	49	< 0.5	37.4	33	4.0	0.8	16.1	2	5.0	18	1.0	3.1
884466 Dup	771	36	< 2	8	27	11	< 0.5	< 0.2	57	< 0.5	42.9	33	4.6	0.8	16.9	1	5.9	22	1.1	3.2
884476 Orig	125	467	11	148	5	< 2	1.0	< 0.2	3	< 0.5	33.7	523	0.5	3.9	0.9	2	1.1	17	7.1	2.4
884476 Split	120	474	11	158	4	< 2	1.0	< 0.2	3	< 0.5	32.2	527	0.4	3.8	0.8	2	1.1	18	7.1	2.4
884476 Orig																				
884476 Dup																				
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank																				
Method Blank																				
Method Blank																				



Date Submitted: 25-Nov-11
Invoice No.: A11-14108
Invoice Date: 04-Jan-12
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 23 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14108**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14108 rev 1

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884452	0.09	63.48	15.88	6.43	0.128	3.15	3.25	3.34	2.64	0.614	0.18	1.74	100.8	16	3	124	200	24	70	50	160	21	2	< 5
884453	0.63	74.79	16.08	0.98	0.139	0.04	0.32	4.27	2.11	0.005	0.24	0.72	99.70	< 1	164	< 5	< 20	< 1	< 20	< 10	110	38	5	< 5
884454	0.32	76.51	14.08	0.79	0.086	0.03	0.28	4.05	3.10	0.001	0.25	0.66	99.85	< 1	217	< 5	< 20	< 1	< 20	< 10	100	30	5	< 5
884455	0.63	74.73	15.92	1.02	0.113	0.03	0.23	3.91	3.06	0.002	0.19	0.65	99.86	< 1	161	< 5	< 20	< 1	< 20	< 10	100	38	5	< 5
884456	0.60	72.65	16.18	0.99	0.091	0.02	0.24	3.70	3.20	0.003	0.14	0.77	97.98	< 1	225	< 5	< 20	< 1	< 20	< 10	490	41	5	< 5
884457	0.42	76.06	15.48	0.81	0.067	0.04	0.27	3.81	3.20	0.003	0.16	0.79	100.7	< 1	188	< 5	< 20	< 1	< 20	< 10	50	35	5	< 5
884458	0.44	74.50	16.28	0.95	0.074	0.20	0.36	3.60	2.92	0.003	0.21	1.03	100.1	< 1	187	< 5	< 20	< 1	< 20	< 10	60	39	5	< 5
884459	0.25	74.20	15.40	0.83	0.089	0.06	0.62	4.97	2.24	0.009	0.27	0.78	99.47	< 1	186	5	< 20	< 1	< 20	< 10	50	36	4	< 5
884460	0.35	87.18	8.12	1.69	0.048	0.03	0.17	1.75	1.34	0.034	0.08	0.07	100.5	< 1	75	6	20	1	< 20	30	60	20	3	< 5
884461	0.08	63.98	14.73	5.86	0.122	2.99	3.59	3.42	2.17	0.500	0.21	1.59	99.15	14	9	105	210	20	60	40	80	20	2	< 5
884462	0.10	66.85	15.46	4.42	0.098	2.57	2.67	3.89	2.16	0.395	0.29	1.44	100.2	10	82	80	140	16	50	30	100	24	3	< 5
884463	0.39	76.96	14.92	0.76	0.053	0.08	0.35	4.42	2.20	0.003	0.20	0.83	100.8	< 1	216	5	< 20	< 1	< 20	< 10	70	36	5	< 5
884464	0.68	74.84	15.45	1.01	0.094	0.05	0.35	3.72	2.29	0.002	0.25	0.72	98.78	< 1	189	6	< 20	< 1	< 20	< 10	80	39	5	< 5
884465	0.45	70.73	17.25	1.02	0.113	0.03	0.28	4.41	3.70	0.003	0.24	0.91	98.69	< 1	129	< 5	< 20	< 1	< 20	< 10	80	43	4	< 5
884466	0.53	73.19	16.44	0.93	0.073	0.02	0.29	4.15	3.38	0.002	0.18	0.71	99.36	< 1	152	6	< 20	< 1	< 20	< 10	70	38	4	< 5
884467	0.65	74.13	16.11	0.88	0.083	0.01	0.26	3.67	3.53	0.001	0.20	0.49	99.37	< 1	167	< 5	< 20	< 1	< 20	< 10	100	35	5	< 5
884468	0.15	73.79	15.05	0.92	0.087	0.19	0.52	6.06	1.53	0.031	0.21	0.68	99.06	< 1	173	10	< 20	1	< 20	< 10	110	36	5	< 5
884469	0.17	64.88	15.11	6.26	0.085	3.68	3.83	3.15	2.11	0.540	0.22	1.13	101.0	15	38	113	240	23	60	40	90	21	2	< 5
884470	< 0.01	99.49	0.34	0.35	0.003	< 0.01	0.04	0.03	0.06	0.036	< 0.01	0.11	100.5	< 1	< 1	8	< 20	< 1	< 20	< 10	< 30	< 1	1	< 5
884471	0.15	63.17	14.81	6.64	0.097	3.69	4.13	3.04	1.93	0.575	0.15	1.06	99.30	16	2	119	260	24	70	50	90	19	2	< 5
884472	0.82	74.57	15.94	1.04	0.104	0.02	0.29	4.34	1.06	0.004	0.12	0.61	98.11	< 1	201	6	< 20	< 1	< 20	< 10	40	40	5	< 5
884473	0.64	75.77	16.32	0.96	0.097	0.01	0.27	4.53	1.87	0.002	0.16	0.61	100.6	< 1	197	5	< 20	< 1	< 20	< 10	30	37	5	< 5
884474	0.14	63.42	14.89	6.58	0.116	3.40	3.74	2.69	2.37	0.537	0.26	1.50	99.50	15	10	114	250	22	60	40	90	19	2	< 5
884475	0.40	74.33	15.73	0.92	0.111	0.04	0.43	5.44	1.43	0.007	0.19	0.67	99.29	< 1	185	5	< 20	< 1	< 20	< 10	60	41	5	< 5
884476	0.12	62.98	15.01	6.70	0.103	3.39	4.11	3.05	1.98	0.569	0.17	1.01	99.08	15	2	123	270	25	70	40	90	19	2	< 5

Activation Laboratories Ltd. Report: A11-14108 rev 1

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884452	167	388	13	130	6	< 2	0.8	< 0.2	15	< 0.5	60.0	818	0.4	3.3	0.9	6	1.5	23	7.0	2.3	
884453	655	36	< 2	16	48	< 2	< 0.5	< 0.2	94	< 0.5	54.3	72	2.5	2.0	59.6	< 1	5.1	16	1.7	6.4	
884454	852	31	< 2	15	31	32	< 0.5	< 0.2	62	< 0.5	59.4	46	7.5	1.4	34.1	1	6.7	18	1.1	5.4	
884455	789	32	< 2	11	37	< 2	< 0.5	< 0.2	87	< 0.5	51.1	53	12.3	1.3	29.8	3	6.2	23	1.7	5.9	
884456	709	31	< 2	10	47	31	< 0.5	< 0.2	68	< 0.5	59.1	47	1.3	1.4	70.7	< 1	4.8	29	2.9	8.3	
884457	901	32	< 2	10	43	< 2	< 0.5	< 0.2	68	< 0.5	63.1	50	1.6	1.2	46.6	2	7.5	20	1.7	5.2	2.68
884458	737	35	< 2	17	50	< 2	< 0.5	< 0.2	95	< 0.5	59.7	81	2.8	2.0	39.4	1	4.9	20	2.4	9.1	
884459	548	31	2	22	37	< 2	< 0.5	< 0.2	66	< 0.5	43.6	54	3.2	2.6	40.7	2	3.8	19	1.4	9.3	
884460	320	25	3	67	21	12	< 0.5	< 0.2	41	< 0.5	20.2	61	1.0	2.3	16.3	2	2.5	11	2.0	2.5	
884461	231	368	10	130	6	< 2	0.6	< 0.2	19	< 0.5	62.7	604	0.6	3.3	3.4	2	1.9	16	6.1	2.6	
884462	665	303	8	95	19	< 2	0.5	< 0.2	40	< 0.5	351	413	14.5	3.1	29.6	1	6.6	22	5.2	3.5	
884463	615	35	< 2	16	51	< 2	< 0.5	< 0.2	75	< 0.5	59.3	116	4.4	1.8	82.6	< 1	4.7	14	1.7	5.6	
884464	646	61	< 2	13	33	< 2	< 0.5	< 0.2	102	< 0.5	50.1	336	5.2	1.4	32.6	1	5.0	15	1.2	6.8	2.70
884465	838	41	< 2	7	21	4	< 0.5	< 0.2	59	< 0.5	45.6	41	29.9	0.6	12.0	2	6.6	26	1.0	4.2	
884466	724	35	< 2	9	26	12	< 0.5	< 0.2	53	< 0.5	40.2	33	4.3	0.8	16.5	1	5.4	20	1.0	3.1	
884467	1010	35	< 2	15	33	< 2	< 0.5	< 0.2	78	3.8	66.4	39	3.0	1.5	36.5	< 1	8.4	18	1.2	5.5	
884468	510	61	< 2	30	50	< 2	< 0.5	< 0.2	92	< 0.5	74.8	42	3.0	3.4	71.5	1	4.1	21	1.7	9.0	
884469	287	469	10	137	7	3	0.6	< 0.2	33	< 0.5	311	519	0.7	3.3	5.0	1	3.0	19	6.6	2.3	
884470	< 2	8	< 2	57	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	29	< 0.4	1.4	< 0.1	< 1	0.1	< 5	0.7	0.3	
884471	104	563	12	147	5	< 2	0.6	< 0.2	3	< 0.5	21.0	513	0.4	3.6	0.5	< 1	1.1	18	7.3	2.4	
884472	293	31	< 2	18	47	< 2	< 0.5	< 0.2	68	< 0.5	29.8	13	5.3	1.9	49.5	< 1	1.9	15	2.2	5.4	2.74
884473	464	27	< 2	16	27	< 2	< 0.5	< 0.2	47	< 0.5	31.6	14	19.2	1.6	23.6	< 1	3.3	22	1.5	6.1	
884474	399	444	11	140	7	< 2	0.8	< 0.2	14	< 0.5	120	547	0.6	3.3	5.4	< 1	3.9	16	6.7	2.5	
884475	423	42	< 2	21	53	4	< 0.5	< 0.2	82	< 0.5	42.8	36	2.5	2.7	68.2	< 1	2.9	17	1.7	7.1	
884476	125	467	11	148	5	< 2	1.0	< 0.2	3	< 0.5	33.7	523	0.5	3.9	0.9	2	1.1	17	7.1	2.4	

Activation Laboratories Ltd. Report: A11-14108 rev 1

Quality Control

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas		11.71	1.89	0.73	0.012	0.32	43.15	0.86	0.55	0.120	30.20					1671								
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas		47.12	18.56	9.95	0.148	10.05	11.39	1.90	0.22	0.500	0.07			31	157	270	58	250	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas		72.39	12.71	3.23	0.142	0.13	0.59	2.46	5.41	0.289	0.06			5	4	8								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	70	30	50	30				29
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0
W-2a Meas		52.54	15.31	10.72	0.167	6.19	11.00	2.20	0.62	1.091	0.12			35	< 1	276	80	44	70	110	80	18		< 5
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		1.20
SY-4 Meas		49.81	20.52	6.26	0.106	0.49	7.97	7.01	1.68	0.291	0.13			1	3	8								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																				60	30			
CTA-AC-1 Cert																				54.0	38.0			
BIR-1a Meas		48.00	15.57	11.29	0.172	9.47	13.45	1.80	0.02	0.983	0.02			43	< 1	337	370	54	160	130	70	16		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		
ZW-C Meas	1.17																				1060	98		
ZW-C Cert	1.13																				1050	99		
NCS DC70014 Meas																		26	70	2610	7400	26		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	3	< 20	960		17	11	69
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000		16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		17		160				
OREAS 100a (Fusion) Cert																		18.1		169				
OREAS 101a (Fusion) Meas																		47		410				
OREAS 101a (Fusion) Cert																		48.8		434				
JR-1 Meas																	< 20	< 1	< 20	< 10	< 30	17		16
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1		16.3
SARM 3 Meas																								
SARM 3 Cert																								
USZ 44-2007 Meas																								
USZ 44-2007 Cert																								
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.06																							
NCS DC86304 Cert	1.06																							
NCS DC86314 Meas	1.81																							
NCS DC86314 Cert	1.81																							
NCS DC86314 Meas	1.74																							
NCS DC86314 Cert	1.81																							
884456 Orig	0.60																							
884456 Dup	0.60																							
884466 Orig	0.53	73.04	16.45	0.93	0.073	0.02	0.29	4.09	3.33	0.002	0.19	0.71	99.12	< 1	152	6	< 20	< 1	< 20	< 10	60	36	4	< 5
884466 Dup	0.53	73.34	16.43	0.92	0.073	0.03	0.28	4.21	3.42	0.002	0.18	0.71	99.59	< 1	151	6	< 20	< 1	< 20	< 10	70	40	4	< 5
884476 Orig	0.12	62.98	15.01	6.70	0.103	3.39	4.11	3.05	1.98	0.569	0.17	1.01	99.08	15	2	123	270	25	70	40	90	19	2	< 5
884476 Split	0.12	63.50	15.07	6.74	0.104	3.41	4.14	3.10	1.99	0.576	0.16	1.05	99.84	15	2	119	260	25	70	40	90	19	2	< 5
884476 Orig	0.12																							
884476 Dup	0.12																							
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01																							

Activation Laboratories Ltd. Report: A11-14108 rev 1

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

Method Blank < 0.01

Method Blank < 0.01

Activation Laboratories Ltd. Report: A11-14108 rev 1

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		142	16	37						1.0		106									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		40	45	414								501									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	72					< 2	2.0		3	1.2	2.4				0.7	1			10.4	4.3	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60	
W-2a Meas	20	194	19	93	7	< 2	< 0.5			0.8	0.9	174	< 0.4	2.5	0.5	< 1		9	2.3	0.5	
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530	
SY-4 Meas		1210	116	544								350									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.3	2.8					4.2	
CTA-AC-1 Cert														1.13	2.65					4.4	
BIR-1a Meas		106	14	15	< 1					0.6		7		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
ZW-C Meas	8450				206						267		15.5	9.8	85.0	326	34.7	81			
ZW-C Cert	8500				198						260		15.0	9.7	82	320	34	80			
NCS DC70014 Meas						270	16.7			180			80.3					27200			
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00			
NCS DC70009 (GBW07241) Meas	508						2.5	1.3	1700	3.2	43.8					2200			30.5		
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3		
OREAS 100a (Fusion) Meas						23													51.6	136	
OREAS 100a (Fusion) Cert						24.1													51.6	135	
OREAS 101a (Fusion) Meas						21													36.1	422	
OREAS 101a (Fusion) Cert						21.9													36.6	422	
JR-1 Meas	249				14	3	< 0.5	< 0.2	4	1.2	21.3			4.1	1.9		1.6	19	27.7	9.3	
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88	
SARM 3 Meas					979																
SARM 3 Cert					978																
USZ 44-2007 Meas									127												
USZ 44-2007 Cert									126												
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884456 Orig																					
884456 Dup																					
884466 Orig	676	35	< 2	10	25	13	< 0.5	< 0.2	49	< 0.5	37.4	33	4.0	0.8	16.1	2	5.0	18	1.0	3.1	
884466 Dup	771	36	< 2	8	27	11	< 0.5	< 0.2	57	< 0.5	42.9	33	4.6	0.8	16.9	1	5.9	22	1.1	3.2	
884476 Orig	125	467	11	148	5	< 2	1.0	< 0.2	3	< 0.5	33.7	523	0.5	3.9	0.9	2	1.1	17	7.1	2.4	
884476 Split	120	474	11	158	4	< 2	1.0	< 0.2	3	< 0.5	32.2	527	0.4	3.8	0.8	2	1.1	18	7.1	2.4	
884476 Orig																					
884476 Dup																					
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					
Method Blank																					

Quality Control																				
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

Method Blank

Quality Analysis ...



Innovative Technologies

Date Submitted: 28-Nov-11
Invoice No.: A11-14125
Invoice Date: 28-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 6 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14125**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14125

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884678	0.11	64.16	15.18	7.21	0.103	2.66	3.27	2.55	2.29	0.641	0.16	1.16	99.37	15	5	117	150	24	60	60	100	19	2	< 5
884679	0.55	74.50	16.26	0.92	0.052	0.06	0.33	4.45	1.96	0.007	0.22	0.61	99.36	< 1	190	< 5	< 20	1	< 20	< 10	< 30	38	6	< 5
884680	0.71	73.76	15.99	3.27	0.092	0.05	0.27	3.54	2.57	0.003	0.16	0.10	99.80	< 1	152	< 5	30	2	20	50	100	41	5	< 5
884681	0.12	64.72	14.91	7.13	0.120	2.57	3.12	2.72	2.31	0.621	0.26	1.14	99.62	14	6	113	150	24	50	60	120	21	2	< 5
884682	0.16	65.94	15.27	7.06	0.104	2.59	3.35	2.71	2.03	0.623	0.20	1.09	101.0	14	11	113	140	23	50	60	110	21	2	< 5
884683	0.19	73.54	15.57	0.99	0.085	0.10	0.46	4.99	2.68	0.019	0.36	0.75	99.53	< 1	129	8	< 20	1	< 20	< 10	40	33	5	< 5
884684	0.10	65.26	15.62	6.77	0.108	2.61	3.17	2.88	2.36	0.608	0.22	1.29	100.9	14	6	112	130	20	50	40	90	20	2	< 5

Activation Laboratories Ltd. Report: A11-14125

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884678	190	441	12	157	6	< 2	0.9	< 0.2	8	< 0.5	70.6	497	0.4	3.5	2.3	< 1	1.7	13	7.4	2.4		
884679	718	36	< 2	18	56	< 2	< 0.5	< 0.2	111	< 0.5	62.3	43	1.1	2.0	74.2	1	5.5	8	1.2	2.4	2.72	
884680	663	46	< 2	19	49	22	< 0.5	< 0.2	88	< 0.5	39.6	108	0.7	1.8	31.7	2	4.8	14	1.8	4.5		
884681	265	417	10	166	9	< 2	1.0	< 0.2	16	< 0.5	83.4	471	0.6	3.6	4.9	< 1	2.6	11	7.8	2.5		
884682	242	429	12	162	8	< 2	1.0	< 0.2	11	< 0.5	73.4	461	0.4	3.6	3.2	5	2.1	13	7.6	2.8		
884683	775	43	< 2	21	28	< 2	< 0.5	< 0.2	64	< 0.5	52.3	44	1.3	1.8	38.1	< 1	5.6	9	1.3	3.4	2.64	
884684	237	430	10	150	6	< 2	0.8	< 0.2	13	< 0.5	165	539	0.5	3.3	1.4	< 1	2.2	11	7.4	2.3		

Activation Laboratories Ltd. Report: A11-14125

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.71	1.89	0.73	0.012	0.32	43.15	0.86	0.55	0.120	30.20															
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2															
DNC-1 Meas		47.12	18.56	9.95	0.148	10.05	11.39	1.90	0.22	0.500	0.07			31	157	270	58	250	100	70						
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas		72.39	12.71	3.23	0.142	0.13	0.59	2.46	5.41	0.289	0.06			5	4	8										
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00										
LKSD-3 Meas																	70	30	50	30				29		
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0		
W-2a Meas		52.54	15.31	10.72	0.167	6.19	11.00	2.20	0.62	1.091	0.12			35	< 1	276	80	44	70	110	80	18		< 5		
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0		1.20		
SY-4 Meas		49.81	20.52	6.26	0.106	0.49	7.97	7.01	1.68	0.291	0.13			1	3	8										
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0										
CTA-AC-1 Meas																					60	30				
CTA-AC-1 Cert																					54.0	38.0				
BIR-1a Meas		48.00	15.57	11.29	0.172	9.47	13.45	1.80	0.02	0.983	0.02			43	< 1	337	370	54	160	130	70	16				
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16				
ZW-C Meas	1.17																									
ZW-C Cert	1.13																									
NCS DC70014 Meas																			26	70	2610	7400	26			
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																		30	3	< 20	960		17	11	69	
NCS DC70009 (GBW07241) Cert																		30	3.7	2.8	960.000		16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			17		160					
OREAS 100a (Fusion) Cert																			18.1		169					
OREAS 101a (Fusion) Meas																			47		410					
OREAS 101a (Fusion) Cert																			48.8		434					
JR-1 Meas																	< 20	< 1	< 20	< 10	< 30	17		16		
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1		16.3		
SARM 3 Meas																										
SARM 3 Cert																										
USZ 44-2007 Meas																										
USZ 44-2007 Cert																										
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.06																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.81																									
NCS DC86314 Cert	1.81																									
884683 Orig		74.20	15.71	1.02	0.086	0.10	0.46	5.02	2.70	0.019	0.35	0.75	100.4	< 1	131	9	< 20	1	< 20	< 10	40	33	5	< 5		
884683 Dup		72.88	15.43	0.97	0.083	0.10	0.45	4.95	2.66	0.019	0.36	0.75	98.64	< 1	126	7	< 20	1	< 20	< 10	40	33	5	< 5		
884684 Orig	0.10	65.26	15.62	6.77	0.108	2.61	3.17	2.88	2.36	0.608	0.22	1.29	100.9	14	6	112	130	20	50	40	90	20	2	< 5		
884684 Split	0.10	65.04	15.73	6.76	0.108	2.59	3.15	2.87	2.36	0.611	0.22	1.33	100.8	14	6	112	130	21	50	40	90	20	2	< 5		
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-14125

Quality Control																				
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																				
NIST 694 Cert																				
DNC-1 Meas		142	16	37						1.0		106								
DNC-1 Cert		144.0	18.0	38						0.96		118								
GBW 07113 Meas		40	45	414								501								
GBW 07113 Cert		43.0	43.0	403								506								
LKSD-3 Meas	72					< 2	2.0		3	1.2	2.4				0.7	1			10.4	4.3
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00			11.4	4.60
W-2a Meas	20	194	19	93	7	< 2	< 0.5			0.8	0.9	174	< 0.4	2.5	0.5	< 1		9	2.3	0.5
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530
SY-4 Meas		1210	116	544								350								
SY-4 Cert		1191	119	517								340								
CTA-AC-1 Meas														1.3	2.8					4.2
CTA-AC-1 Cert														1.13	2.65					4.4
BIR-1a Meas		106	14	15	< 1					0.6		7		0.5				< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3		
ZW-C Meas	8450				206						267		15.5	9.8	85.0	326	34.7	81		
ZW-C Cert	8500				198						260		15.0	9.7	82	320	34	80		
NCS DC70014 Meas						270	16.7			180			80.3					27200		
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00		
NCS DC70009 (GBW07241) Meas	508						2.5	1.3	1700	3.2	43.8					2200			30.5	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3	
OREAS 100a (Fusion) Meas						23													51.6	136
OREAS 100a (Fusion) Cert						24.1													51.6	135
OREAS 101a (Fusion) Meas						21													36.1	422
OREAS 101a (Fusion) Cert						21.9													36.6	422
JR-1 Meas	249				14	3	< 0.5	< 0.2	4	1.2	21.3			4.1	1.9		1.6	19	27.7	9.3
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88
SARM 3 Meas					979															
SARM 3 Cert					978															
USZ 44-2007 Meas									127											
USZ 44-2007 Cert									126											
NCS DC86303 Meas																				
NCS DC86303 Cert																				
NCS DC86304 Meas																				
NCS DC86304 Cert																				
NCS DC86314 Meas																				
NCS DC86314 Cert																				
884683 Orig	784	43	< 2	23	27	< 2	< 0.5	< 0.2	64	< 0.5	52.7	45	1.3	1.9	37.8	< 1	5.5	9	1.3	3.4
884683 Dup	766	42	< 2	20	28	< 2	< 0.5	< 0.2	64	< 0.5	51.9	44	1.4	1.7	38.4	1	5.7	9	1.3	3.5
884684 Orig	237	430	10	150	6	< 2	0.8	< 0.2	13	< 0.5	165	539	0.5	3.3	1.4	< 1	2.2	11	7.4	2.3
884684 Split	245	431	11	146	6	< 2	0.8	< 0.2	13	< 0.5	169	540	0.5	3.3	1.3	2	2.1	10	7.3	2.3
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank																				
Method Blank																				
Method Blank																				



Date Submitted: 28-Nov-11
Invoice No.: A11-14127
Invoice Date: 23-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 25 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14127**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14127

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884651	0.09	65.07	14.42	6.20	0.109	2.59	3.29	2.69	1.70	0.608	0.19	1.16	98.02	14	9	107	130	19	50	50	110	19	3	< 5
884652	0.15	74.41	15.22	1.28	0.105	0.20	0.40	4.63	2.43	0.023	0.16	0.70	99.56	1	71	9	< 20	2	< 20	< 10	40	35	6	< 5
884653	0.07	51.09	14.24	13.32	0.270	6.40	8.73	2.56	0.72	1.303	0.15	1.33	100.1	34	1	287	120	47	90	170	70	20	3	< 5
884654	0.07	50.76	13.97	13.01	0.291	6.30	8.72	2.55	0.76	1.293	0.15	1.16	98.95	34	1	291	110	44	90	160	110	20	3	< 5
884655	0.51	73.62	15.83	1.17	0.112	0.09	0.19	3.84	2.48	0.004	0.11	0.62	98.06	< 1	66	< 5	< 20	1	< 20	< 10	< 30	34	5	< 5
884656	0.01	75.49	15.58	0.93	0.072	0.05	0.13	3.43	3.66	0.004	0.08	1.14	100.6	< 1	54	< 5	< 20	1	< 20	< 10	30	39	5	< 5
884657	0.19	74.43	15.43	0.91	0.066	0.03	0.19	3.30	4.74	0.001	0.20	0.72	100.0	< 1	75	< 5	< 20	< 1	< 20	< 10	30	32	6	< 5
884658	0.86	74.46	15.19	1.28	0.129	0.03	0.27	1.69	4.09	0.002	0.32	0.37	97.83	< 1	99	< 5	< 20	< 1	< 20	< 10	< 30	31	5	< 5
884659	0.35	72.80	15.45	0.89	0.077	0.03	0.32	3.27	4.62	0.001	0.31	0.48	98.23	< 1	181	< 5	< 20	< 1	< 20	< 10	50	31	7	< 5
884660	< 0.01	97.51	0.26	0.80	0.008	< 0.01	0.01	0.02	0.04	0.027	< 0.01	-0.04	98.65	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	1	2	< 5
884661	0.67	74.61	15.47	1.23	0.119	0.04	0.37	2.75	3.22	0.001	0.38	0.57	98.77	< 1	152	< 5	< 20	< 1	< 20	70	60	34	7	< 5
884662	0.98	74.77	16.06	1.37	0.134	0.03	0.29	2.48	2.09	0.001	0.34	0.48	98.05	< 1	176	< 5	< 20	< 1	< 20	10	320	39	7	< 5
884663	0.40	74.25	15.83	0.89	0.084	0.02	0.22	3.45	4.01	0.001	0.29	0.54	99.59	< 1	152	< 5	< 20	< 1	< 20	< 10	90	33	7	< 5
884664	0.61	74.04	15.76	0.96	0.117	0.03	0.21	2.53	5.19	0.001	0.29	0.26	99.37	< 1	163	7	< 20	< 1	< 20	< 10	80	28	7	< 5
884665	0.82	75.31	15.94	1.10	0.117	0.02	0.17	2.78	3.10	0.001	0.25	0.39	99.18	< 1	191	< 5	< 20	< 1	< 20	< 10	60	35	7	< 5
884666	0.91	74.52	16.21	1.14	0.129	0.03	0.18	2.06	3.61	0.001	0.26	0.34	98.47	< 1	172	< 5	< 20	< 1	< 20	< 10	130	35	7	< 5
884667	0.83	74.27	15.97	1.07	0.135	0.03	0.20	3.02	2.62	0.001	0.29	0.40	98.00	< 1	186	5	< 20	< 1	< 20	< 10	70	36	7	< 5
884668	0.72	74.38	15.82	1.14	0.100	0.04	0.16	2.77	3.19	0.003	0.23	0.40	98.23	< 1	187	6	< 20	< 1	< 20	30	50	37	7	< 5
884669	0.86	74.45	15.93	1.07	0.126	0.03	0.23	3.13	2.30	0.001	0.28	0.34	97.89	< 1	176	< 5	< 20	< 1	< 20	10	60	38	7	< 5
884670	0.35	86.05	8.26	1.67	0.048	0.04	0.16	1.71	1.30	0.033	0.08	0.03	99.39	< 1	76	6	20	< 1	< 20	30	60	21	5	< 5
884671	0.51	73.27	15.99	1.18	0.094	0.17	0.41	3.89	2.30	0.002	0.28	0.69	98.27	< 1	139	6	< 20	2	< 20	10	140	36	6	< 5
884672	0.02	73.65	15.57	0.82	0.044	0.04	0.38	4.52	2.15	0.006	0.28	1.09	98.54	< 1	144	5	< 20	< 1	< 20	< 10	50	45	6	< 5
884673	0.09	74.31	15.29	0.84	0.042	0.04	0.38	4.26	2.25	0.002	0.28	0.98	98.67	< 1	134	< 5	< 20	< 1	< 20	< 10	50	43	6	< 5
884674	0.52	75.82	15.60	1.15	0.149	0.04	0.46	3.85	2.74	0.001	0.46	0.51	100.8	< 1	63	6	< 20	< 1	< 20	< 10	40	35	5	< 5
884675	0.38	75.28	15.40	0.85	0.072	0.01	0.32	4.13	3.62	< 0.001	0.31	0.35	100.4	< 1	106	5	< 20	< 1	< 20	10	< 30	33	6	< 5
884676	0.16	73.26	15.98	0.96	0.052	0.11	0.40	5.34	2.73	0.019	0.28	0.47	99.61	< 1	127	7	< 20	1	< 20	20	< 30	35	7	< 5
884677	0.10	65.14	15.43	6.88	0.105	2.72	3.20	2.67	2.38	0.604	0.23	1.10	100.5	14	6	115	120	20	60	60	170	21	3	< 5

Activation Laboratories Ltd. Report: A11-14127

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884651	117	441	12	171	5	<2	<0.5	<0.2	7	<0.5	20.7	418	0.6	4.4	1.2	<1	1.1	16	7.8	2.7	
884652	538	27	3	16	14	<2	<0.5	<0.2	66	<0.5	31.9	86	1.2	1.5	17.6	<1	3.5	10	1.3	1.7	
884653	46	212	22	100	6	<2	<0.5	<0.2	5	<0.5	7.6	245	1.2	2.4	0.4	<1	0.5	<5	2.3	0.7	
884654	52	200	22	100	6	<2	<0.5	<0.2	5	<0.5	8.8	241	1.1	2.5	0.4	<1	0.3	<5	2.3	0.7	
884655	536	18	<2	10	7	<2	<0.5	<0.2	63	<0.5	28.9	69	1.8	1.0	4.3	<1	3.4	8	0.7	1.8	
884656	766	14	<2	15	16	<2	<0.5	<0.2	86	<0.5	37.0	38	0.6	1.7	13.7	1	5.1	6	0.9	1.2	
884657	922	20	<2	11	13	<2	<0.5	<0.2	63	<0.5	48.1	41	3.8	1.4	15.5	<1	6.7	12	1.0	3.7	
884658	1050	27	<2	22	11	<2	<0.5	<0.2	56	<0.5	57.7	36	5.0	1.4	11.5	<1	7.1	12	1.2	4.8	
884659	1180	29	<2	15	28	<2	<0.5	<0.2	50	<0.5	61.8	40	10.6	2.1	38.8	<1	9.3	16	1.4	5.2	2.61
884660	2	3	<2	68	<1	<2	<0.5	<0.2	<1	<0.5	<0.5	21	<0.4	1.5	<0.1	<1	0.4	<5	0.7	0.3	
884661	946	32	<2	17	29	<2	<0.5	<0.2	72	<0.5	49.6	37	5.4	2.4	29.6	<1	7.1	13	1.4	6.3	
884662	647	23	<2	13	17	<2	<0.5	<0.2	77	<0.5	39.2	30	5.6	1.7	15.5	<1	4.7	16	1.8	10.7	
884663	1210	25	<2	12	16	<2	<0.5	<0.2	55	<0.5	66.9	15	1.9	1.5	20.2	<1	9.2	12	0.9	3.3	
884664	1520	30	<2	11	12	<2	<0.5	<0.2	50	<0.5	82.3	12	2.9	1.5	14.9	<1	11.2	12	1.1	3.4	
884665	1070	21	<2	11	30	<2	<0.5	<0.2	75	<0.5	75.3	11	4.0	1.7	52.3	<1	8.8	11	1.3	3.0	
884666	1180	23	<2	11	13	<2	<0.5	<0.2	69	<0.5	76.5	11	4.6	1.4	21.6	<1	9.2	10	1.0	2.4	
884667	799	20	<2	17	20	<2	<0.5	<0.2	63	<0.5	50.1	13	4.3	2.3	23.5	<1	6.6	14	1.1	3.5	
884668	969	20	<2	17	19	<2	<0.5	<0.2	77	<0.5	66.1	27	2.8	2.3	30.7	<1	7.3	12	1.3	4.4	
884669	748	20	<2	16	22	<2	<0.5	<0.2	72	<0.5	54.6	37	2.5	2.4	35.1	<1	6.1	11	1.3	4.2	
884670	314	25	3	70	20	12	<0.5	<0.2	42	<0.5	20.5	60	1.1	2.2	13.6	<1	2.4	11	2.0	2.5	
884671	638	41	<2	17	17	<2	<0.5	<0.2	68	<0.5	50.4	103	1.8	2.2	28.8	<1	4.6	8	1.2	3.7	
884672	748	29	<2	25	25	<2	<0.5	<0.2	113	<0.5	74.2	15	0.4	2.6	41.3	4	4.7	8	1.5	2.7	2.62
884673	717	32	<2	20	28	<2	<0.5	<0.2	97	<0.5	57.8	35	1.0	2.5	34.6	<1	4.8	7	1.5	2.8	
884674	746	41	<2	20	15	<2	<0.5	<0.2	63	0.6	49.7	57	4.2	1.6	17.1	<1	5.2	13	1.1	5.0	
884675	952	29	<2	18	14	<2	<0.5	<0.2	55	<0.5	54.1	37	1.0	1.6	17.1	<1	6.9	11	0.9	3.4	
884676	799	41	2	56	30	<2	<0.5	<0.2	68	<0.5	55.6	56	1.4	3.3	36.2	<1	6.2	11	1.4	3.2	
884677	196	440	12	158	7	<2	0.8	<0.2	10	<0.5	85.5	551	0.8	3.6	2.5	<1	1.8	15	7.9	2.3	

Activation Laboratories Ltd. Report: A11-14127

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
TAN-1 Meas																									
TAN-1 Cert																									
NIST 694 Meas		11.77	1.93	0.73	0.011	0.32	42.88	0.87	0.55	0.115	30.21					1677									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		46.92	18.45	9.60	0.146	9.96	11.46	1.89	0.22	0.466	0.07			31		156	270	58	250	100	70				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.00	12.92	3.23	0.145	0.12	0.58	2.47	5.39	0.277	0.05			5	4	5									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	40	30					
LKSD-3 Cert																	87.0	30.0	47.0	35.0					
W-2a Meas		52.40	15.27	10.57	0.167	6.23	11.08	2.21	0.62	1.070	0.12			35	< 1	277	90	44	60	110	80	19			
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0			
DTS-2b Meas																					122				
DTS-2b Cert																					120				
SY-4 Meas		49.60	20.45	6.14	0.106	0.49	8.13	6.85	1.64	0.284	0.12			2	3	5									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																							30		
CTA-AC-1 Cert																						38.0			
BIR-1a Meas		47.87	15.91	11.07	0.172	9.49	13.56	1.82	0.02	0.954	0.02			44	< 1	335	380	54	160	130	70	15			
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16			
ZW-C Meas	1.14																					1060	99		
ZW-C Cert	1.13																					1050	99		
NCS DC70014 Meas																		26	70	2620	7400	26			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920		16	11	69	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000		16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		17		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		47		410					
OREAS 101a (Fusion) Cert																		48.8		434					
JR-1 Meas																		< 20	< 1	< 20	< 10	30	17	16	
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	16.3	
USZ 44-2007 Meas																									
USZ 44-2007 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.04																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.68																								
NCS DC86314 Cert	1.81																								
884660 Orig	< 0.01																								
884660 Dup	< 0.01																								
884670 Orig	0.35																								
884670 Dup	0.34																								
884673 Orig		74.45	15.41	0.84	0.042	0.04	0.38	4.29	2.25	0.002	0.29	0.98	98.98	< 1	135	< 5	< 20	< 1	< 20	< 10	40	42	6	< 5	
884673 Dup		74.17	15.17	0.85	0.042	0.04	0.38	4.22	2.25	0.002	0.27	0.98	98.37	< 1	133	5	< 20	< 1	< 20	< 10	50	43	6	< 5	
884677 Orig	0.10	65.14	15.43	6.88	0.105	2.72	3.20	2.67	2.38	0.604	0.23	1.10	100.5	14	6	115	120	20	60	60	170	21	3	< 5	
884677 Split	0.10	65.14	15.34	6.92	0.106	2.72	3.17	2.68	2.40	0.609	0.24	1.12	100.4	14	6	113	120	20	60	60	180	21	3	< 5	
Method Blank																		< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-14127

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1		
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
TAN-1 Meas																				2410		
TAN-1 Cert																					2360	
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		142	15	41						1.2		104										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		41	43	387																		
GBW 07113 Cert		43.0	43.0	403																		
LKSD-3 Meas	73						< 2	2.1		3	1.3	2.4				0.7	2		10.6	4.3		
LKSD-3 Cert	78.0						2.00	2.70		3.00	1.30	2.30				0.700	2.00		11.4	4.60		
W-2a Meas	20	195	19	87	7		< 2	< 0.5			0.7	0.9	173	< 0.4	2.5			9	2.4	0.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460				0.790	0.990	182	0.0300	2.60	0.500			9.30	2.40	0.530	
DTS-2b Meas																						
DTS-2b Cert																						
SY-4 Meas		1196	112	541								340										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas															1.6	2.8				23.9	4.3	
CTA-AC-1 Cert															1.13	2.65				21.8	4.4	
BIR-1a Meas		109	13	15	< 1					0.9		7								< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6								3		
ZW-C Meas	8550				203						266		15.1	9.8	83.2	325	33.6	80				
ZW-C Cert	8500				198						260		15.0	9.7	82	320	34	80				
NCS DC70014 Meas						270	16.7				180		80.3							27200		
NCS DC70014 Cert						270	16.7				180.000		80.3							27200.00		
NCS DC70009 (GBW07241) Meas	501						2.9	1.3	1700	4.0	41.8					2200				29.6		
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00				28.3		
OREAS 100a (Fusion) Meas							23														51.3	136
OREAS 100a (Fusion) Cert							24.1														51.6	135
OREAS 101a (Fusion) Meas							20														35.9	422
OREAS 101a (Fusion) Cert							21.9														36.6	422
JR-1 Meas	252				14	3	< 0.5	< 0.2	4	1.7	20.8			4.0	1.9		1.6	20	27.5	9.1		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			4.51	1.86		1.56	19.3	26.7	8.88		
USZ 44-2007 Meas																						
USZ 44-2007 Cert																						
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86304 Meas																						
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884660 Orig																						
884660 Dup																						
884670 Orig																						
884670 Dup																						
884673 Orig	711	32	< 2	19	29	< 2	< 0.5	< 0.2	97	< 0.5	57.6	35	0.9	2.5	34.9	< 1	4.7	6	1.5	2.8		
884673 Dup	722	31	< 2	20	28	< 2	< 0.5	< 0.2	98	< 0.5	58.1	34	1.0	2.5	34.3	< 1	4.9	7	1.4	2.8		
884677 Orig	196	440	12	158	7	< 2	0.8	< 0.2	10	< 0.5	85.5	551	0.8	3.6	2.5	< 1	1.8	15	7.9	2.3		
884677 Split	201	428	12	157	6	< 2	0.7	< 0.2	10	< 0.5	87.2	553	0.7	3.6	2.5	< 1	1.6	16	7.5	2.3		
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																						
Method Blank																						



Date Submitted: 29-Nov-11
Invoice No.: A11-14233
Invoice Date: 22-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

3 Pulp samples and 26 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14233**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14233

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884685	0.08	63.31	17.41	5.91	0.110	2.82	2.51	3.67	2.64	0.511	0.20	1.33	100.4	14	20	97	200	19	60	40	70	22	2	< 5
884686	0.10	59.23	17.43	6.49	0.104	3.19	2.71	3.74	2.89	0.569	0.17	1.27	97.80	15	24	112	220	21	80	60	90	21	2	< 5
884687	0.27	73.08	15.90	0.95	0.113	0.04	0.27	4.71	3.12	0.003	0.24	0.57	99.00	< 1	104	< 5	< 20	< 1	< 20	< 10	30	33	3	< 5
884688	0.65	73.89	16.64	0.99	0.131	0.03	0.26	3.98	2.74	0.002	0.26	0.44	99.37	< 1	69	< 5	< 20	< 1	< 20	< 10	40	33	4	< 5
884689	0.14	63.73	16.94	5.77	0.097	2.90	2.37	3.80	2.65	0.529	0.16	1.10	100.1	14	12	106	190	21	80	10	90	20	2	< 5
884690	< 0.01	99.91	0.33	0.39	0.006	0.02	0.02	0.03	0.05	0.029	< 0.01	0.11	100.9	< 1	< 1	7	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884691	0.87	74.43	16.90	1.24	0.163	0.05	0.22	3.17	2.55	0.006	0.22	0.38	99.32	< 1	68	5	< 20	< 1	< 20	20	50	36	4	< 5
884692	0.38	74.69	16.18	0.98	0.099	0.08	0.41	4.07	3.10	0.002	0.35	0.60	100.6	< 1	82	< 5	< 20	< 1	< 20	< 10	< 30	31	4	< 5
884693	0.84	75.94	16.15	1.12	0.124	0.04	0.23	2.90	2.83	0.001	0.26	0.33	99.92	< 1	139	< 5	< 20	< 1	< 20	20	60	31	4	< 5
884694	1.08	74.77	16.34	1.10	0.135	0.03	0.22	2.16	3.16	0.001	0.29	0.32	98.55	< 1	184	5	< 20	< 1	< 20	10	50	34	4	< 5
884695	0.47	74.16	15.47	0.90	0.066	0.03	0.15	1.82	5.56	< 0.001	0.17	0.57	98.90	< 1	247	< 5	< 20	< 1	< 20	< 10	< 30	29	4	< 5
884696	0.53	74.12	16.34	0.92	0.084	0.02	0.18	3.45	3.43	< 0.001	0.21	0.38	99.15	< 1	153	< 5	< 20	< 1	< 20	< 10	30	32	4	< 5
884697	0.33	73.62	15.75	1.00	0.073	0.08	0.31	4.10	3.12	0.009	0.28	0.67	99.00	< 1	113	5	< 20	< 1	< 20	< 10	< 30	31	4	< 5
884698	0.57	74.46	16.61	0.89	0.098	0.02	0.25	4.24	2.55	< 0.001	0.31	0.47	99.90	< 1	179	6	< 20	< 1	< 20	< 10	50	33	4	< 5
884699	0.76	75.27	15.62	0.99	0.095	0.05	0.18	2.50	3.75	< 0.001	0.23	0.40	99.07	< 1	188	< 5	< 20	< 1	< 20	< 10	130	31	4	< 5
884700	0.39	84.80	8.16	1.66	0.048	0.05	0.20	1.68	1.31	0.034	0.13	0.02	98.09	< 1	76	6	< 20	1	< 20	30	50	20	2	< 5
884701	0.81	74.38	16.32	1.03	0.118	0.04	0.25	3.55	2.02	< 0.001	0.28	0.44	98.43	< 1	213	< 5	< 20	< 1	< 20	< 10	70	35	4	< 5
884702	0.63	75.70	15.71	0.97	0.118	0.05	0.24	3.34	3.02	< 0.001	0.30	0.56	100.0	< 1	228	< 5	< 20	< 1	< 20	< 10	60	34	4	< 5
884703	0.53	74.16	16.44	0.97	0.094	0.05	0.31	3.80	2.70	< 0.001	0.32	0.63	99.48	< 1	178	< 5	< 20	< 1	< 20	< 10	40	34	4	< 5
884704	0.72	77.64	15.77	0.97	0.088	0.03	0.25	3.85	1.60	< 0.001	0.27	0.41	100.9	< 1	180	6	< 20	< 1	< 20	< 10	80	32	4	< 5
884705	0.72	76.18	16.48	1.05	0.109	0.03	0.25	3.58	2.42	0.001	0.29	0.47	100.9	< 1	142	6	< 20	< 1	< 20	30	60	33	4	< 5
884706	0.68	73.60	15.80	1.05	0.116	0.03	0.28	3.03	3.64	0.001	0.35	0.49	98.39	< 1	138	< 5	< 20	< 1	< 20	< 10	40	33	4	< 5
884707	0.77	73.98	16.09	1.06	0.131	0.03	0.30	3.68	2.25	0.001	0.32	0.46	98.30	< 1	139	< 5	< 20	< 1	< 20	10	60	34	4	< 5
884708	0.78	74.77	16.13	1.06	0.115	0.03	0.27	3.16	2.64	0.002	0.27	0.43	98.88	< 1	98	6	< 20	< 1	< 20	20	70	34	4	< 5
884709	0.72	74.14	16.52	1.00	0.103	0.03	0.26	3.55	2.31	0.001	0.27	0.48	98.67	< 1	72	< 5	< 20	< 1	< 20	< 10	40	35	3	< 5
884710	0.74	72.92	16.17	3.20	0.093	0.06	0.26	3.36	2.39	0.003	0.15	0.02	98.62	< 1	151	< 5	20	1	20	50	100	38	3	< 5
884711	0.89	74.55	16.28	0.99	0.078	0.03	0.20	3.16	2.25	0.001	0.20	0.34	98.08	< 1	165	< 5	30	1	< 20	150	250	36	4	< 5
884712	0.47	72.08	16.20	1.12	0.077	0.18	0.40	3.57	3.41	0.033	0.36	0.63	98.05	1	142	9	< 20	1	< 20	< 10	< 30	34	4	< 5
884713	0.43	74.87	16.02	0.84	0.053	0.05	0.25	4.62	2.57	0.010	0.20	0.48	99.97	< 1	174	6	< 20	< 1	< 20	20	30	32	3	< 5

Activation Laboratories Ltd. Report: A11-14233

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884685	277	401	11	121	9	< 2	0.7	< 0.2	35	< 0.5	77.7	612	1.1	3.4	10.9	1	2.2	15	6.6	3.1	
884686	346	420	10	129	4	< 2	0.8	< 0.2	16	< 0.5	96.0	636	1.1	3.2	0.7	< 1	3.0	15	7.0	2.9	
884687	675	24	2	15	16	< 2	< 0.5	< 0.2	74	< 0.5	41.5	56	4.4	1.5	21.9	< 1	5.3	15	1.4	6.2	2.72
884688	724	21	< 2	21	12	< 2	< 0.5	< 0.2	63	< 0.5	48.0	62	3.9	1.8	16.2	< 1	5.8	15	1.4	6.2	
884689	247	455	9	108	4	< 2	0.5	< 0.2	13	< 0.5	75.3	727	< 0.4	2.8	2.2	< 1	2.2	15	5.9	2.1	
884690	< 2	4	< 2	62	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	25	< 0.4	1.5	< 0.1	< 1	< 0.1	< 5	0.7	0.4	
884691	671	23	< 2	17	11	< 2	< 0.5	< 0.2	77	< 0.5	43.4	50	2.5	1.7	11.2	< 1	5.0	17	1.3	4.3	
884692	831	33	< 2	24	17	< 2	< 0.5	< 0.2	62	< 0.5	48.0	54	1.2	2.5	23.0	< 1	6.5	10	1.3	5.4	
884693	835	30	< 2	18	13	< 2	< 0.5	< 0.2	54	< 0.5	52.8	42	4.7	2.2	22.1	< 1	7.1	12	1.5	4.8	
884694	964	32	< 2	16	12	< 2	< 0.5	< 0.2	61	< 0.5	54.6	41	2.9	2.0	21.5	< 1	8.9	12	1.1	4.5	
884695	1450	25	< 2	16	8	< 2	< 0.5	< 0.2	55	< 0.5	70.0	34	2.0	1.4	9.0	< 1	12.8	12	1.2	3.4	
884696	1010	20	< 2	20	10	< 2	< 0.5	< 0.2	55	< 0.5	52.2	27	1.7	2.5	12.6	< 1	8.5	10	1.4	6.0	
884697	833	33	< 2	24	13	< 2	< 0.5	< 0.2	57	< 0.5	47.3	108	3.5	2.4	25.6	< 1	6.5	13	2.0	6.9	
884698	826	23	< 2	16	25	< 2	< 0.5	< 0.2	61	< 0.5	61.9	28	1.8	2.4	62.6	< 1	6.9	12	1.6	6.0	
884699	1110	26	< 2	9	19	< 2	< 0.5	< 0.2	69	< 0.5	72.9	78	1.5	1.5	43.3	< 1	9.4	13	1.2	3.6	
884700	324	25	4	55	21	10	< 0.5	< 0.2	42	< 0.5	21.8	60	0.4	1.9	16.1	1	2.7	9	2.2	2.6	
884701	686	22	< 2	23	34	< 2	< 0.5	< 0.2	79	< 0.5	54.2	58	1.7	3.3	70.2	< 1	5.4	12	1.5	4.9	
884702	970	29	< 2	21	30	< 2	< 0.5	< 0.2	76	< 0.5	79.5	72	1.8	2.5	32.5	< 1	7.7	11	2.5	6.6	
884703	841	36	< 2	18	22	< 2	< 0.5	< 0.2	69	< 0.5	58.9	101	1.2	2.4	34.6	< 1	6.5	11	1.6	7.0	
884704	547	25	< 2	15	21	< 2	< 0.5	< 0.2	66	< 0.5	47.4	24	2.3	1.9	43.3	< 1	4.6	11	1.4	5.8	
884705	712	26	< 2	17	14	< 2	< 0.5	< 0.2	70	< 0.5	52.1	29	1.6	2.1	25.7	< 1	5.9	14	1.3	5.7	
884706	1060	34	< 2	13	9	< 2	< 0.5	< 0.2	58	< 0.5	64.1	24	2.5	1.5	16.7	< 1	9.1	15	1.3	5.8	
884707	647	29	< 2	16	17	< 2	< 0.5	< 0.2	72	< 0.5	54.0	33	1.9	2.0	33.4	< 1	5.7	16	1.4	6.3	
884708	806	25	< 2	15	10	3	< 0.5	< 0.2	73	< 0.5	70.7	29	2.0	1.9	13.8	< 1	6.8	17	1.0	5.2	
884709	715	19	< 2	15	16	< 2	< 0.5	< 0.2	69	< 0.5	52.1	22	1.6	1.7	30.4	< 1	5.8	9	0.8	5.3	2.77
884710	648	43	< 2	16	44	19	< 0.5	< 0.2	84	< 0.5	43.4	102	0.5	1.6	34.9	1	5.0	16	1.8	5.1	
884711	817	22	< 2	8	23	6	< 0.5	< 0.2	112	1.0	69.5	25	1.4	1.3	34.6	< 1	7.2	25	0.8	3.4	
884712	1020	39	2	17	19	< 2	< 0.5	< 0.2	92	< 0.5	73.4	64	0.6	1.5	26.7	1	8.6	11	1.2	3.9	
884713	675	29	< 2	9	18	< 2	< 0.5	< 0.2	71	< 0.5	47.9	63	0.6	1.1	24.3	< 1	5.3	10	0.8	3.7	

Activation Laboratories Ltd. Report: A11-14233

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.35	1.95	0.75	0.013	0.36	44.52	0.89	0.55	0.121	30.20													1681		
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2														1740	
DNC-1 Meas		47.08	18.32	9.68	0.146	10.03	11.09	1.93	0.22	0.474	0.07			31												153
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31												148.0
GBW 07113 Meas		73.00	13.48	3.20	0.140	0.14	0.55	2.55	5.50	0.285	0.04			5	4											6
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00											5.00
W-2a Meas		52.10	15.24	10.62	0.166	6.18	10.73	2.19	0.60	1.068	0.14			35	< 1											273
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30											262
SY-4 Meas		49.45	20.67	6.16	0.107	0.50	7.88	6.90	1.62	0.283	0.12			< 1	3											8
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6											8.0
BIR-1a Meas		47.93	16.05	11.16	0.173	9.59	13.04	1.84	0.02	0.971	0.03			44	< 1											335
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58											310
ZW-C Meas	1.13																									
ZW-C Cert	1.13																									
ZW-C Meas	1.13																									
ZW-C Cert	1.13																									
ZW-C Meas	1.15																									
ZW-C Cert	1.13																									
ZW-C Meas	1.19																									
ZW-C Cert	1.13																									
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.22																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.23																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.06																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.07																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.08																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.12																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.76																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.78																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.82																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.84																									
NCS DC86314 Cert	1.81																									
884694 Orig	1.07																									
884694 Dup	1.09																									
884699 Orig		74.84	15.54	0.98	0.095	0.05	0.18	2.49	3.74	< 0.001	0.23	0.40	98.53	< 1	189	< 5	< 20	< 1	< 20	< 10	130	31	4	< 5		
884699 Dup		75.69	15.70	1.00	0.095	0.05	0.18	2.51	3.77	0.001	0.22	0.40	99.61	< 1	188	5	< 20	< 1	< 20	< 10	130	31	4	< 5		
884704 Orig	0.72																									
884704 Dup	0.72																									
884713 Orig	0.43	74.87	16.02	0.84	0.053	0.05	0.25	4.62	2.57	0.010	0.20	0.48	99.97	< 1	174	6	< 20	< 1	< 20	20	30	32	3	< 5		
884713 Split	0.42	73.99	16.29	0.82	0.052	0.05	0.25	4.49	2.48	0.001	0.21	0.35	98.99	< 1	169	< 5	< 20	< 1	< 20	20	< 30	32	4	< 5		
Method Blank																										
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-14233

Quality Control																								
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS

Method Blank < 0.01
 Method Blank < 0.01
 Method Blank < 0.01
 Method Blank < 0.01

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		142	16	35								105									
DNC-1 Cert		144.0	18.0	38								118									
GBW 07113 Meas		41	45	389								506									
GBW 07113 Cert		43.0	43.0	403								506									
W-2a Meas		191	19	88								170									
W-2a Cert		190	24.0	94.0								182									
SY-4 Meas		1204	114	537								342									
SY-4 Cert		1191	119	517								340									
BIR-1a Meas		107	14	16								8									
BIR-1a Cert		110	16	18								6									
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884694 Orig																					
884694 Dup																					
884699 Orig	1100	26	< 2	9	20	< 2	< 0.5	< 0.2	70	< 0.5	73.6	78	1.6	1.5	43.9	< 1	9.4	13	1.1	3.7	
884699 Dup	1130	25	< 2	9	17	< 2	< 0.5	< 0.2	68	< 0.5	72.3	78	1.5	1.5	42.8	< 1	9.4	13	1.2	3.6	
884704 Orig																					
884704 Dup																					
884713 Orig	675	29	< 2	9	18	< 2	< 0.5	< 0.2	71	< 0.5	47.9	63	0.6	1.1	24.3	< 1	5.3	10	0.8	3.7	
884713 Split	676	28	< 2	12	18	< 2	< 0.5	< 0.2	72	< 0.5	48.3	61	1.1	1.2	22.4	< 1	5.3	10	0.8	3.5	
Method Blank																					1.00
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

Method Blank
 Method Blank
 Method Blank
 Method Blank



Date Submitted: 02-Dec-11
Invoice No.: A11-14388
Invoice Date: 21-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

3 Pulp samples and 26 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14388**
Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14388

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884714	0.10	66.07	14.32	5.64	0.182	3.16	3.56	1.62	2.54	0.512	0.17	1.77	99.55	16	15	122	150	22	80	20	70	20	2	< 5
884715	0.01	74.48	15.25	0.72	0.080	0.04	0.42	5.67	2.56	0.003	0.31	0.90	100.4	< 1	82	5	< 20	< 1	< 20	< 10	< 30	32	4	< 5
884716	0.16	74.28	14.84	1.09	0.160	0.05	0.47	4.15	3.67	0.002	0.42	0.78	99.91	< 1	20	< 5	< 20	< 1	< 20	< 10	50	31	3	< 5
884717	0.54	73.21	15.82	1.11	0.115	0.06	0.37	3.64	3.14	0.002	0.34	0.79	98.60	< 1	78	< 5	< 20	< 1	< 20	< 10	40	34	4	< 5
884718	0.81	73.39	16.23	1.21	0.134	0.04	0.44	3.29	2.82	0.002	0.43	0.70	98.68	< 1	129	6	< 20	< 1	< 20	< 10	40	35	4	< 5
884719	1.01	74.41	16.14	1.16	0.155	0.03	0.27	1.97	3.55	0.001	0.35	0.61	98.65	< 1	155	< 5	< 20	< 1	< 20	< 10	50	33	4	< 5
884720	0.76	72.77	15.37	3.27	0.095	0.06	0.27	3.43	2.49	0.004	0.15	0.13	98.04	< 1	154	5	30	2	30	50	90	39	4	< 5
884721	1.04	75.18	16.57	1.15	0.148	0.06	0.30	2.73	1.98	0.001	0.36	0.62	99.10	< 1	186	< 5	< 20	< 1	< 20	< 10	40	38	5	< 5
884722	0.67	73.49	15.75	0.96	0.109	0.05	0.31	3.42	2.82	0.001	0.33	0.81	98.05	< 1	198	< 5	< 20	< 1	< 20	< 10	80	34	4	< 5
884723	0.80	73.74	15.79	0.93	0.118	0.04	0.25	2.90	3.24	0.001	0.31	0.68	97.99	< 1	175	< 5	< 20	< 1	< 20	10	130	33	4	< 5
884724	0.46	73.12	16.19	0.85	0.108	0.04	0.42	3.89	3.63	< 0.001	0.43	0.64	99.32	< 1	186	< 5	< 20	< 1	< 20	< 10	40	30	5	< 5
884725	1.05	74.56	16.02	1.12	0.142	0.06	0.25	2.62	2.45	< 0.001	0.30	0.48	98.01	< 1	161	6	< 20	< 1	< 20	< 10	50	33	4	< 5
884726	0.87	74.74	15.98	1.12	0.159	0.10	0.37	2.98	2.36	0.002	0.41	0.74	98.96	< 1	149	5	< 20	< 1	< 20	< 10	40	34	5	< 5
884727	0.46	73.30	16.19	0.79	0.079	0.06	0.35	3.68	4.33	< 0.001	0.35	0.65	99.79	< 1	181	< 5	< 20	< 1	< 20	< 10	< 30	31	4	< 5
884728	0.68	73.77	16.12	0.94	0.106	0.06	0.32	3.93	2.44	< 0.001	0.33	0.64	98.67	< 1	193	< 5	< 20	< 1	< 20	< 10	40	35	4	< 5
884729	0.72	73.90	15.93	0.88	0.085	0.05	0.30	3.75	2.25	0.001	0.28	0.64	98.07	< 1	185	< 5	< 20	< 1	< 20	< 10	50	34	4	< 5
884730	< 0.01	98.20	0.34	0.41	0.006	< 0.01	0.02	0.03	0.06	0.031	< 0.01	0.25	99.35	< 1	< 1	7	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884731	0.64	73.97	15.77	0.92	0.092	0.06	0.29	3.99	2.13	0.001	0.27	0.67	98.15	< 1	188	5	< 20	< 1	< 20	20	< 30	33	4	< 5
884732	0.64	73.78	15.66	0.99	0.093	0.04	0.33	3.66	2.53	< 0.001	0.27	0.65	98.00	< 1	115	< 5	< 20	< 1	< 20	10	50	33	4	< 5
884733	0.34	73.18	15.96	0.74	0.067	0.03	0.41	5.48	2.22	0.001	0.36	0.45	98.91	< 1	130	5	< 20	< 1	< 20	< 10	40	31	4	< 5
884734	0.39	73.35	15.58	0.92	0.086	0.07	0.41	4.43	2.93	0.001	0.37	0.61	98.76	< 1	81	< 5	< 20	< 1	50	< 10	30	31	4	< 5
884735	0.30	73.62	15.67	0.80	0.076	0.04	0.40	4.80	3.11	0.001	0.36	0.69	99.57	< 1	71	< 5	< 20	< 1	< 20	< 10	< 30	29	4	< 5
884736	0.51	74.38	15.91	0.99	0.106	0.04	0.44	4.12	2.52	0.002	0.41	0.68	99.58	< 1	83	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
884737	0.56	74.75	15.95	1.02	0.105	0.04	0.44	4.13	2.74	0.002	0.41	0.78	100.4	< 1	64	< 5	< 20	< 1	< 20	< 10	< 30	32	4	< 5
884738	0.70	74.75	15.94	1.00	0.079	0.06	1.15	3.63	2.27	0.001	0.31	0.57	99.75	< 1	169	< 5	< 20	< 1	< 20	< 10	< 30	37	4	< 5
884739	0.53	73.72	15.36	0.98	0.089	0.04	0.31	3.75	2.83	0.001	0.29	0.64	98.02	< 1	144	5	< 20	< 1	< 20	10	50	32	4	< 5
884740	0.38	85.86	8.10	1.66	0.048	0.04	0.15	1.73	1.30	0.034	0.08	0.18	99.19	< 1	75	< 5	20	1	< 20	30	50	20	2	< 5
884741	0.55	74.85	15.89	0.95	0.083	0.09	0.35	3.84	2.84	0.010	0.30	0.56	99.77	< 1	171	6	< 20	1	< 20	30	100	33	4	< 5
884742	0.09	63.21	14.86	6.85	0.115	3.41	3.90	3.03	2.01	0.579	0.15	1.11	99.23	16	2	123	300	24	80	50	80	18	1	< 5

Activation Laboratories Ltd. Report: A11-14388

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884714	201	328	10	89	7	< 2	0.5	< 0.2	19	< 0.5	38.3	757	1.2	2.2	1.8	4	1.3	11	5.2	4.0	
884715	665	25	2	20	33	< 2	< 0.5	< 0.2	59	< 0.5	71.6	25	0.7	1.8	47.8	< 1	4.7	8	1.6	11.7	
884716	854	35	< 2	12	14	< 2	< 0.5	< 0.2	64	< 0.5	59.1	38	4.6	1.1	8.4	1	6.8	15	1.4	8.3	
884717	848	32	< 2	18	21	< 2	< 0.5	< 0.2	77	< 0.5	69.4	53	2.8	1.9	19.6	< 1	6.9	11	1.4	10.3	
884718	811	37	< 2	19	27	< 2	< 0.5	< 0.2	73	< 0.5	71.6	32	5.1	2.2	30.7	< 1	6.2	12	1.6	6.8	
884719	1070	29	< 2	23	17	< 2	< 0.5	< 0.2	71	< 0.5	66.4	30	5.7	2.9	20.2	< 1	8.9	15	2.0	9.8	
884720	639	44	< 2	17	47	22	< 0.5	< 0.2	90	< 0.5	43.5	105	0.7	2.0	30.6	2	5.1	14	2.0	4.8	
884721	668	24	< 2	18	25	< 2	< 0.5	< 0.2	76	< 0.5	47.0	45	4.7	2.5	39.5	< 1	4.8	13	2.2	8.6	
884722	921	24	< 2	18	23	< 2	< 0.5	< 0.2	69	< 0.5	54.9	39	3.2	2.5	25.8	< 1	7.8	15	1.9	10.3	
884723	1050	23	< 2	20	19	< 2	< 0.5	< 0.2	62	< 0.5	55.5	41	4.8	2.8	34.7	< 1	9.3	16	2.0	9.6	
884724	1140	28	< 2	16	22	< 2	< 0.5	< 0.2	55	< 0.5	62.2	32	6.8	2.2	31.6	< 1	11.0	18	1.7	9.3	2.71
884725	798	23	< 2	15	29	< 2	< 0.5	< 0.2	66	< 0.5	63.8	62	2.7	2.3	41.4	< 1	7.3	12	1.5	7.4	
884726	726	26	< 2	14	26	< 2	< 0.5	< 0.2	72	< 0.5	56.7	92	5.4	2.1	34.1	< 1	5.9	12	1.8	9.0	
884727	1360	31	< 2	14	25	< 2	< 0.5	< 0.2	71	< 0.5	90.2	49	1.4	2.1	33.9	< 1	11.3	10	1.7	7.8	
884728	830	24	< 2	14	28	< 2	< 0.5	< 0.2	84	< 0.5	65.8	44	3.5	2.1	36.2	1	7.4	10	1.6	6.4	
884729	849	27	< 2	16	43	< 2	< 0.5	< 0.2	84	< 0.5	69.3	45	2.1	2.7	56.4	< 1	7.6	10	1.6	6.5	
884730	3	5	< 2	49	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	24	< 0.4	1.3	0.1	< 1	0.5	< 5	0.7	0.3	
884731	616	27	< 2	16	30	< 2	< 0.5	< 0.2	65	< 0.5	38.8	72	1.1	2.4	52.3	< 1	4.7	8	1.6	6.9	
884732	790	35	< 2	23	27	< 2	< 0.5	< 0.2	64	< 0.5	42.2	57	2.8	3.0	37.0	< 1	6.8	10	1.2	9.6	
884733	707	26	< 2	17	35	< 2	< 0.5	< 0.2	56	< 0.5	46.1	23	1.8	2.6	42.3	< 1	6.3	10	1.5	5.2	
884734	793	32	< 2	26	22	< 2	< 0.5	< 0.2	65	< 0.5	53.6	51	1.5	2.4	29.5	< 1	6.8	12	1.4	7.0	
884735	857	28	< 2	19	23	< 2	< 0.5	< 0.2	58	< 0.5	58.0	37	0.8	2.3	32.1	< 1	7.3	18	1.3	5.8	
884736	676	27	< 2	18	20	< 2	< 0.5	< 0.2	67	< 0.5	48.5	27	2.5	1.7	20.4	< 1	5.5	11	1.1	6.3	
884737	696	25	3	16	18	< 2	< 0.5	< 0.2	63	< 0.5	40.5	43	1.1	1.7	16.4	< 1	5.5	10	1.1	7.1	2.72
884738	710	23	3	12	26	< 2	< 0.5	< 0.2	85	< 0.5	59.4	44	2.0	1.5	33.9	< 1	5.5	11	1.1	5.6	
884739	881	24	< 2	13	24	< 2	< 0.5	< 0.2	66	< 0.5	61.5	30	1.1	1.9	32.8	< 1	7.6	11	1.4	4.4	
884740	322	24	3	65	23	12	< 0.5	< 0.2	44	< 0.5	21.7	59	0.5	2.2	14.9	1	2.9	9	2.3	2.8	
884741	786	32	< 2	16	30	4	< 0.5	< 0.2	72	< 0.5	54.7	53	1.5	2.0	35.3	< 1	7.2	13	1.4	3.3	
884742	118	501	13	155	5	< 2	1.9	< 0.2	3	< 0.5	41.0	454	< 0.4	3.6	0.5	< 1	1.6	13	7.6	2.3	

Activation Laboratories Ltd. Report: A11-14388

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.57	1.95	0.76	0.013	0.35	44.14	0.89	0.57	0.118	30.25					1675									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.07	18.58	9.62	0.146	9.97	11.13	1.89	0.22	0.481	0.08			31		155	270	58	250	90	60				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		71.78	12.84	3.24	0.140	0.14	0.59	2.37	5.33	0.282	0.04			5	4	5									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	50	30				24	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	230	80	310	140					
TDB-1 Cert																	251		92	323	155				
W-2a Meas		52.95	15.67	10.58	0.164	6.29	10.69	2.24	0.64	1.077	0.13			36	< 1	274	80	44	70	100	70	17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.53	20.59	6.05	0.104	0.50	7.68	6.95	1.69	0.280	0.12			1	3	9									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																		< 1		50	30				
CTA-AC-1 Cert																		2.72		54.0	38.0				
BIR-1a Meas		48.17	15.59	10.93	0.171	9.56	13.36	1.78	0.02	0.959	0.02			44	< 1	335	380	55	170	130	60	15		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
NCS DC86312 Meas																									
NCS DC86312 Cert																									
ZW-C Meas	1.13																				1010	95			
ZW-C Cert	1.13																				1050	99			
ZW-C Meas	1.13																								
ZW-C Cert	1.13																								
ZW-C Meas	1.15																								
ZW-C Cert	1.13																								
ZW-C Meas	1.19																								
ZW-C Cert	1.13																								
NCS DC70014 Meas																		26	70	2620	7400	25			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	4	< 20	920	100	17	11	72	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		16		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		47		410					
OREAS 101a (Fusion) Cert																		48.8		434					
OREAS 101b (Fusion) Meas																		45	< 20	410					
OREAS 101b (Fusion) Cert																		47	9	416					
JR-1 Meas																		< 20	< 1	< 20	< 10	< 30	17	2	13
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.23																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								

Activation Laboratories Ltd. Report: A11-14388

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.07																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.08																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.12																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.76																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.78																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.82																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.84																									
NCS DC86314 Cert	1.81																									
884723 Orig	0.80																									
884723 Dup	0.80																									
884728 Orig		74.15	16.32	0.94	0.106	0.06	0.32	3.99	2.49	0.002	0.33	0.64	99.36	< 1	196	5	< 20	< 1	< 20	< 10	40	35	4	< 5		
884728 Dup		73.38	15.91	0.94	0.107	0.06	0.33	3.88	2.40	< 0.001	0.33	0.64	97.98	< 1	191	< 5	< 20	< 1	< 20	< 10	40	35	4	< 5		
884733 Orig	0.34																									
884733 Dup	0.34																									
884737 Orig																										
884737 Dup																										
884742 Orig	0.09	63.21	14.86	6.85	0.115	3.41	3.90	3.03	2.01	0.579	0.15	1.11	99.23	16	2	123	300	24	80	50	80	18	1	< 5		
884742 Split	0.08	63.49	14.87	6.88	0.116	3.44	3.89	3.05	2.05	0.583	0.15	1.07	99.60	16	2	121	300	24	80	50	90	17	1	< 5		
884742 Split	0.08																									
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank																										
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-14388

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		144	15	36						0.7		105									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	44	399								493									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	70					< 2	1.0		2	1.1	2.3				0.7	2					4.6
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60
TDB-1 Meas	22																				2.7
TDB-1 Cert	23																				2.7
W-2a Meas	21	199	18	91	8	< 2	< 0.5			0.9	0.9	176	< 0.4	2.5	0.5	< 1		8	2.5		0.6
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40		0.530
SY-4 Meas		1194	110	533								341									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas															2.9				22.8		4.2
CTA-AC-1 Cert															2.65				21.8		4.4
BIR-1a Meas		108	14	16	< 1					0.6		7		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																					25.4
NCS DC86312 Cert																					23.6
ZW-C Meas	8120										274				84.0						
ZW-C Cert	8500										260				82						
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
NCS DC70014 Meas						271	16.9			180			80.3					27200			
NCS DC70014 Cert						270	16.7			180.000			80.3					27200.00			
NCS DC70009 (GBW07241) Meas	505						2.1	1.3	1700	3.2	44.0					2200					30.0
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00					28.3
OREAS 100a (Fusion) Meas						24														47.8	134
OREAS 100a (Fusion) Cert						24.1														51.6	135
OREAS 101a (Fusion) Meas						21														34.2	422
OREAS 101a (Fusion) Cert						21.9														36.6	422
OREAS 101b (Fusion) Meas						19														37.7	413
OREAS 101b (Fusion) Cert						20.9														37.1	396
JR-1 Meas	250				14	3	< 0.5	< 0.2	3	1.4	20.9		0.6	4.2	2.0	1	1.5	18	27.4		9.5
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7		8.88
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					

Activation Laboratories Ltd. Report: A11-14388

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884723 Orig																					
884723 Dup																					
884728 Orig	831	24	< 2	14	29	< 2	< 0.5	< 0.2	85	< 0.5	66.6	44	3.4	2.2	36.0	1	7.3	10	1.6	6.4	
884728 Dup	828	24	< 2	14	28	< 2	< 0.5	< 0.2	82	< 0.5	65.1	43	3.6	2.1	36.5	1	7.6	10	1.5	6.5	
884733 Orig																					
884733 Dup																					
884737 Orig																					2.71
884737 Dup																					2.73
884742 Orig	118	501	13	155	5	< 2	1.9	< 0.2	3	< 0.5	41.0	454	< 0.4	3.6	0.5	< 1	1.6	13	7.6	2.3	
884742 Split	119	500	13	149	5	< 2	1.1	< 0.2	3	< 0.5	42.2	461	< 0.4	3.5	0.5	< 1	1.4	14	7.7	2.2	
884742 Split																					
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1	
Method Blank																					1.00
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					



Date Submitted: 05-Dec-11
Invoice No.: A11-14472
Invoice Date: 27-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

4 Pulp samples and 31 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14472**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14472

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
880548	0.12	56.99	17.85	8.40	0.135	4.34	2.00	3.46	3.67	0.753	0.15	2.14	99.86	22	6	171	250	31	110	< 10	80	22	2	< 5
880549	0.20	73.56	15.89	0.82	0.078	0.08	0.47	4.81	3.11	0.009	0.34	0.92	100.1	< 1	73	8	< 20	< 1	< 20	< 10	70	31	3	< 5
880550	< 0.01	99.29	0.34	0.98	0.011	0.02	0.02	0.03	0.06	0.032	< 0.01	-0.06	100.7	< 1	< 1	5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
880551	0.79	73.86	15.96	1.10	0.144	0.06	0.27	3.79	2.19	0.002	0.35	0.50	98.22	< 1	113	< 5	< 20	< 1	< 20	< 10	50	32	3	< 5
880552	0.55	73.26	15.96	1.04	0.112	0.06	0.33	3.78	3.46	0.001	0.33	0.55	98.87	< 1	84	< 5	< 20	< 1	< 20	20	40	32	3	< 5
880553	0.65	73.73	15.74	1.00	0.126	0.04	0.34	3.98	2.54	0.001	0.34	0.49	98.34	< 1	98	6	< 20	< 1	< 20	< 10	50	32	3	< 5
880554	0.39	74.11	15.52	0.93	0.098	0.04	0.47	4.65	2.57	0.002	0.44	0.63	99.46	< 1	94	5	< 20	< 1	< 20	< 10	40	30	2	< 5
880555	0.34	72.89	15.81	0.91	0.100	0.05	0.37	3.95	4.04	0.001	0.39	0.61	99.13	< 1	97	< 5	< 20	< 1	< 20	< 10	30	30	3	< 5
880556	0.25	73.14	15.86	0.80	0.092	0.10	0.83	5.56	2.68	0.001	0.33	0.84	100.2	< 1	149	< 5	< 20	< 1	< 20	< 10	< 30	28	4	< 5
880557	0.64	73.98	15.49	1.02	0.103	0.04	0.27	4.26	2.36	< 0.001	0.30	0.41	98.23	< 1	159	< 5	< 20	< 1	< 20	10	40	28	3	< 5
880558	0.24	73.30	15.05	0.91	0.069	0.09	0.53	4.82	2.71	0.001	0.42	0.70	98.60	< 1	147	7	< 20	< 1	< 20	10	60	31	3	< 5
880559	0.23	73.47	15.34	0.99	0.083	0.05	0.46	5.58	1.45	0.001	0.38	0.75	98.57	< 1	80	< 5	< 20	< 1	< 20	< 10	30	33	4	< 5
880560	0.70	73.05	15.25	3.26	0.094	0.06	0.27	3.45	2.49	0.003	0.16	0.04	98.12	< 1	152	< 5	30	1	20	50	100	39	4	< 5
880561	0.59	74.47	15.26	1.17	0.114	0.04	0.52	3.71	1.87	0.002	0.39	0.53	98.07	< 1	98	6	< 20	< 1	< 20	20	60	34	3	< 5
880562	0.45	74.17	15.36	0.96	0.090	0.05	0.33	4.12	3.08	0.001	0.31	0.51	98.99	< 1	122	< 5	< 20	< 1	< 20	< 10	40	29	3	< 5
880563	0.09	75.03	13.65	0.77	0.041	0.04	0.33	3.12	3.95	0.001	0.20	0.74	97.88	< 1	195	6	< 20	< 1	< 20	< 10	< 30	27	3	< 5
880564	0.11	75.24	15.44	0.87	0.057	0.05	0.38	5.21	2.57	0.001	0.31	0.76	100.9	< 1	155	< 5	< 20	< 1	< 20	< 10	40	33	3	< 5
880565	0.01	70.68	15.54	0.82	0.086	0.03	0.34	3.18	3.81	0.002	0.22	1.45	96.17	< 1	151	5	< 20	< 1	< 20	< 10	< 30	43	3	< 5
880566	0.01	72.46	15.49	0.75	0.067	0.03	0.28	3.01	4.30	0.002	0.20	1.29	97.87	< 1	148	< 5	< 20	< 1	< 20	< 10	< 30	38	3	< 5
880567	< 0.01	73.21	15.51	0.72	0.048	0.02	0.43	5.51	2.76	0.001	0.35	0.71	99.27	< 1	166	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
880568	< 0.01	76.26	13.80	0.90	0.060	0.05	0.35	4.26	2.12	0.003	0.16	0.83	98.79	< 1	122	6	< 20	< 1	< 20	< 10	< 30	30	3	< 5
880569	0.08	63.97	14.97	5.91	0.146	2.77	3.51	2.50	2.33	0.542	0.21	1.87	98.72	14	9	109	190	22	70	20	60	17	2	< 5
880570	< 0.01	98.64	0.35	0.56	0.007	0.02	0.03	0.03	0.06	0.031	< 0.01	0.04	99.76	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
880571	0.13	58.72	15.96	7.99	0.120	3.87	2.41	2.60	3.46	0.702	0.23	1.63	97.69	20	23	150	230	27	90	40	110	20	2	< 5
880572	0.25	74.95	15.47	0.85	0.094	0.05	0.34	4.48	2.54	0.003	0.33	0.84	99.94	< 1	114	5	< 20	< 1	< 20	10	50	33	3	< 5
880573	0.09	72.61	15.49	0.89	0.098	0.04	0.52	4.42	2.80	0.001	0.46	0.97	98.29	< 1	99	< 5	< 20	< 1	< 20	< 10	40	35	4	< 5
880574	0.44	73.06	16.15	1.04	0.146	0.07	0.40	4.65	1.88	0.009	0.36	0.56	98.34	< 1	107	9	< 20	< 1	< 20	< 10	70	33	4	< 5
880575	0.13	60.37	16.67	7.29	0.099	3.79	1.96	2.94	3.17	0.687	0.21	1.77	98.95	20	8	145	190	28	100	60	100	20	2	< 5
880576	0.11	75.72	14.60	0.94	0.099	0.06	0.43	4.22	3.08	0.003	0.45	0.71	100.3	< 1	134	5	< 20	1	< 20	30	300	30	3	< 5
880577	< 0.01	73.36	14.80	0.68	0.018	0.04	0.74	4.52	3.93	0.001	0.42	0.59	99.09	< 1	134	< 5	< 20	< 1	< 20	< 10	< 30	29	3	< 5
880578	< 0.01	73.45	15.06	0.75	0.021	0.05	0.51	4.44	3.02	0.002	0.29	0.73	98.31	< 1	110	< 5	< 20	< 1	< 20	< 10	< 30	31	3	< 5
880579	< 0.01	72.37	15.09	0.86	0.055	0.05	0.86	5.00	2.52	0.002	0.50	0.80	98.10	< 1	133	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5
880580	0.37	83.99	7.77	1.64	0.049	0.04	0.16	1.59	1.23	0.034	0.08	0.14	96.72	< 1	74	5	20	1	< 20	30	50	20	2	< 5
880581	0.07	61.32	15.72	6.82	0.121	3.99	3.03	2.07	3.21	0.586	0.21	2.52	99.60	15	5	120	270	25	80	< 10	60	19	1	< 5
880582	0.11	61.31	15.22	7.02	0.129	3.33	2.56	2.80	2.85	0.608	0.19	1.71	97.73	17	5	128	210	25	80	60	120	19	2	< 5

Activation Laboratories Ltd. Report: A11-14472

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
880548	320	290	15	140	7	< 2	0.6	< 0.2	14	< 0.5	70.0	818	0.4	3.1	0.7	1	2.7	11	7.6	2.6	
880549	654	30	2	20	25	< 2	< 0.5	< 0.2	46	< 0.5	29.2	63	2.1	2.1	42.8	< 1	5.2	10	1.4	4.9	
880550	< 2	4	3	75	5	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	27	< 0.4	1.5	< 0.1	< 1	< 0.1	< 5	0.8	0.3	
880551	579	21	< 2	20	26	< 2	< 0.5	< 0.2	49	< 0.5	37.6	24	2.3	2.5	42.3	< 1	4.8	13	1.4	9.5	
880552	880	28	2	15	17	< 2	< 0.5	< 0.2	52	< 0.5	57.7	15	1.5	1.7	16.2	< 1	7.8	11	1.0	7.9	
880553	678	27	< 2	22	28	< 2	< 0.5	< 0.2	59	< 0.5	46.2	12	2.6	2.4	38.3	< 1	5.5	14	1.3	10.2	
880554	685	37	< 2	21	20	< 2	< 0.5	< 0.2	43	< 0.5	43.3	12	0.9	2.3	22.2	< 1	5.5	11	1.4	8.9	
880555	1210	47	< 2	23	30	< 2	< 0.5	< 0.2	40	< 0.5	70.2	13	0.7	2.7	42.2	< 1	10.9	14	1.7	10.4	
880556	743	44	2	23	29	< 2	< 0.5	< 0.2	31	< 0.5	44.6	22	0.4	2.9	46.1	< 1	7.0	9	1.5	5.8	
880557	742	30	< 2	31	24	< 2	< 0.5	< 0.2	35	< 0.5	62.4	10	2.1	4.1	40.6	< 1	7.3	16	1.6	10.3	
880558	836	51	< 2	36	29	< 2	< 0.5	< 0.2	41	< 0.5	57.7	22	0.4	4.2	39.8	< 1	7.2	14	2.6	11.5	2.69
880559	481	43	< 2	29	18	< 2	< 0.5	< 0.2	51	< 0.5	51.2	13	1.4	3.3	12.6	< 1	3.8	12	2.0	12.2	
880560	641	44	< 2	16	46	22	< 0.5	< 0.2	90	< 0.5	43.8	104	1.5	1.9	30.8	2	5.4	17	2.0	5.0	
880561	543	40	< 2	16	12	< 2	< 0.5	< 0.2	55	< 0.5	42.2	12	3.0	1.3	15.7	< 1	3.5	14	1.4	12.4	
880562	713	27	< 2	16	13	< 2	< 0.5	< 0.2	43	< 0.5	39.9	20	1.9	1.6	12.7	< 1	4.8	10	1.0	6.1	
880563	1080	25	< 2	11	21	< 2	< 0.5	< 0.2	46	< 0.5	63.3	16	0.4	1.6	43.2	< 1	8.8	8	1.2	3.5	
880564	678	26	< 2	13	33	< 2	< 0.5	< 0.2	70	< 0.5	44.9	12	1.0	1.5	39.0	1	4.9	8	1.4	4.3	
880565	940	21	< 2	14	37	< 2	< 0.5	< 0.2	97	< 0.5	50.6	7	1.1	1.7	38.7	3	6.4	8	1.3	6.3	
880566	962	22	< 2	14	29	< 2	< 0.5	< 0.2	80	< 0.5	53.8	7	1.4	1.5	27.5	3	7.4	10	1.3	6.9	
880567	723	24	2	11	25	< 2	< 0.5	< 0.2	52	< 0.5	43.5	4	< 0.4	1.4	41.2	< 1	5.5	7	1.0	2.4	
880568	459	24	< 2	15	18	7	< 0.5	< 0.2	50	< 0.5	21.6	31	1.2	1.2	14.0	1	2.7	7	1.1	4.5	
880569	242	341	11	124	6	< 2	< 0.5	< 0.2	18	< 0.5	65.9	742	1.2	2.7	1.6	< 1	1.9	10	6.1	2.3	
880570	2	5	< 2	56	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	27	< 0.4	1.3	< 0.1	< 1	< 0.1	< 5	0.8	0.3	
880571	477	361	11	124	8	< 2	< 0.5	< 0.2	30	< 0.5	107	699	< 0.4	2.8	1.4	1	3.9	14	6.5	2.1	
880572	677	38	< 2	14	24	< 2	< 0.5	< 0.2	91	< 0.5	36.1	18	1.6	1.9	23.3	1	4.8	11	1.6	7.8	
880573	789	35	2	17	16	< 2	< 0.5	< 0.2	70	< 0.5	40.4	10	1.2	2.0	15.1	1	5.2	12	1.5	10.8	2.67
880574	465	43	< 2	24	22	< 2	< 0.5	< 0.2	78	< 0.5	32.8	46	1.8	2.5	23.3	< 1	3.2	13	1.3	7.8	
880575	362	313	12	116	8	< 2	< 0.5	< 0.2	20	< 0.5	136	759	< 0.4	2.6	1.3	< 1	2.7	12	6.6	2.0	
880576	833	44	< 2	16	26	< 2	< 0.5	< 0.2	69	< 0.5	51.0	30	2.3	2.0	31.8	2	5.9	14	1.7	15.1	
880577	956	48	2	9	24	< 2	< 0.5	< 0.2	49	< 0.5	50.3	25	< 0.4	1.2	32.7	1	7.2	8	1.1	1.7	2.66
880578	659	40	< 2	15	25	< 2	< 0.5	< 0.2	60	< 0.5	34.6	18	0.4	1.6	30.5	2	4.1	6	1.0	1.6	
880579	669	44	3	21	32	< 2	< 0.5	< 0.2	67	< 0.5	37.3	14	0.9	2.2	33.3	1	4.2	6	1.4	2.3	
880580	319	22	3	61	21	12	< 0.5	< 0.2	44	< 0.5	21.5	57	0.6	2.1	14.1	2	2.7	8	2.2	2.7	
880581	232	310	10	129	3	< 2	0.5	< 0.2	7	< 0.5	67.1	744	< 0.4	3.0	0.1	< 1	1.5	8	8.2	3.0	
880582	294	367	11	122	6	< 2	< 0.5	< 0.2	15	< 0.5	91.4	654	< 0.4	2.9	0.8	2	2.3	15	6.5	2.1	

Activation Laboratories Ltd. Report: A11-14472

Quality Control

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas		11.57	1.95	0.76	0.013	0.35	44.14	0.89	0.57	0.118	30.25					1675								
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas		47.07	18.58	9.62	0.146	9.97	11.13	1.89	0.22	0.481	0.08			31	155	270	58	250	90	60				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31	148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		71.78	12.84	3.24	0.140	0.14	0.59	2.37	5.33	0.282	0.04			5	4	5								
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	70	30	50	30				24
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0
TDB-1 Meas																	230	80	310	140				
TDB-1 Cert																	251	92	323	155				
W-2a Meas		52.95	15.67	10.58	0.164	6.29	10.69	2.24	0.64	1.077	0.13			36	< 1	274	80	44	70	100	70	17	2	< 5
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20
SY-4 Meas		49.53	20.59	6.05	0.104	0.50	7.68	6.95	1.69	0.280	0.12			1	3	9								
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																		< 1		50	30			
CTA-AC-1 Cert																		2.72		54.0	38.0			
BIR-1a Meas		48.17	15.59	10.93	0.171	9.56	13.36	1.78	0.02	0.959	0.02			44	< 1	335	380	55	170	130	60	15		< 5
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44
NCS DC86312 Meas																								
NCS DC86312 Cert																								
ZW-C Meas	1.13																				1010	95		
ZW-C Cert	1.13																				1050	99		
ZW-C Meas	1.13																							
ZW-C Cert	1.13																							
ZW-C Meas	1.15																							
ZW-C Cert	1.13																							
NCS DC70014 Meas																		26	70	2620	7400	25		
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	4	< 20	920	100	17	11	72
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																		16		160				
OREAS 100a (Fusion) Cert																		18.1		169				
OREAS 101a (Fusion) Meas																		47		410				
OREAS 101a (Fusion) Cert																		48.8		434				
OREAS 101b (Fusion) Meas																		45	< 20	410				
OREAS 101b (Fusion) Cert																		47	9	416				
JR-1 Meas																	< 20	< 1	< 20	< 10	< 30	17	2	13
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3
SARM 3 Meas																								
SARM 3 Cert																								
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.22																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.21																							
NCS DC86303 Cert	0.21																							
NCS DC86303 Meas	0.23																							
NCS DC86303 Cert	0.21																							
NCS DC86304 Meas	1.06																							
NCS DC86304 Cert	1.06																							
NCS DC86304 Meas	1.07																							

Activation Laboratories Ltd. Report: A11-14472

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.08																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.12																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.76																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.82																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
880549 Orig		73.38	15.79	0.81	0.078	0.08	0.47	4.83	3.11	0.009	0.35	0.92	99.83	< 1	73	7	< 20	< 1	< 20	< 10	70	31	3	< 5	
880549 Dup		73.75	15.99	0.83	0.079	0.08	0.47	4.79	3.12	0.009	0.34	0.92	100.4	< 1	72	9	< 20	< 1	< 20	< 10	70	31	3	< 5	
880557 Orig	0.64																								
880557 Dup	0.64																								
880560 Orig		73.01	15.18	3.26	0.094	0.06	0.28	3.42	2.46	0.004	0.16	0.04	97.96	< 1	153	5	30	2	20	50	100	39	4	< 5	
880560 Dup		73.08	15.33	3.26	0.093	0.06	0.26	3.48	2.52	0.003	0.15	0.04	98.27	< 1	152	< 5	30	1	20	50	100	38	4	< 5	
880567 Orig	< 0.01																								
880567 Dup	< 0.01																								
880575 Orig		60.29	16.65	7.20	0.097	3.78	1.92	2.98	3.19	0.680	0.21	1.77	98.78	19	7	145	200	28	100	60	100	20	2	< 5	
880575 Dup		60.45	16.69	7.37	0.101	3.79	2.00	2.90	3.15	0.694	0.20	1.77	99.11	20	8	145	190	27	90	60	100	19	2	< 5	
880577 Orig	< 0.01																								
880577 Dup	< 0.01																								
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-14472

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		144	15	36						0.7		105									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	44	399								493									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	70					< 2	1.0		2	1.1	2.3				0.7	2					4.6
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60
TDB-1 Meas	22																				2.7
TDB-1 Cert	23																				2.7
W-2a Meas	21	199	18	91	8	< 2	< 0.5			0.9	0.9	176	< 0.4	2.5	0.5	< 1		8	2.5		0.6
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40		0.530
SY-4 Meas		1194	110	533								341									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas															2.9					22.8	4.2
CTA-AC-1 Cert															2.65					21.8	4.4
BIR-1a Meas		108	14	16	< 1					0.6		7		0.5				< 5			
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3			
NCS DC86312 Meas																					25.4
NCS DC86312 Cert																					23.6
ZW-C Meas	8120										274				84.0						
ZW-C Cert	8500										260				82						
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
NCS DC70014 Meas						271	16.9				180		80.3					27200			
NCS DC70014 Cert						270	16.7				180.000		80.3					27200.00			
NCS DC70009 (GBW07241) Meas	505						2.1	1.3	1700		3.2	44.0					2200			30.0	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		3.1	41					2200.00			28.3	
OREAS 100a (Fusion) Meas						24														47.8	134
OREAS 100a (Fusion) Cert						24.1														51.6	135
OREAS 101a (Fusion) Meas						21														34.2	422
OREAS 101a (Fusion) Cert						21.9														36.6	422
OREAS 101b (Fusion) Meas						19														37.7	413
OREAS 101b (Fusion) Cert						20.9														37.1	396
JR-1 Meas	250				14	3	< 0.5	< 0.2	3	1.4	20.9		0.6	4.2	2.0	1	1.5	18	27.4		9.5
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7		8.88
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					

Activation Laboratories Ltd. Report: A11-14472

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86304 Cert
 NCS DC86304 Meas
 NCS DC86304 Cert
 NCS DC86304 Meas
 NCS DC86304 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 880549 Orig
 880549 Dup
 880557 Orig
 880557 Dup
 880560 Orig
 880560 Dup
 880567 Orig
 880567 Dup
 880575 Orig
 880575 Dup
 880577 Orig
 880577 Dup
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank

880549 Orig	642	30	3	20	24	< 2	< 0.5	< 0.2	46	< 0.5	28.9	63	2.0	2.0	39.7	< 1	4.9	10	1.5	4.9
880549 Dup	667	30	2	20	26	< 2	< 0.5	< 0.2	47	< 0.5	29.5	63	2.1	2.2	45.9	2	5.5	11	1.4	4.9
880560 Orig	640	44	< 2	16	45	22	< 0.5	< 0.2	90	< 0.5	43.9	104	1.3	1.9	30.4	2	5.2	16	1.9	5.1
880560 Dup	643	45	< 2	17	46	22	< 0.5	< 0.2	89	0.5	43.6	105	1.7	1.9	31.3	1	5.6	18	2.0	4.9
880575 Orig	363	308	13	116	8	< 2	< 0.5	< 0.2	19	< 0.5	135	762	< 0.4	2.6	1.4	< 1	2.6	11	6.6	2.0
880575 Dup	361	317	12	117	7	< 2	< 0.5	< 0.2	20	< 0.5	136	756	< 0.4	2.5	1.3	1	2.8	14	6.7	2.0
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1

1.00



Date Submitted: 05-Dec-11
Invoice No.: A11-14477
Invoice Date: 27-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

3 Pulp samples and 25 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14477**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14477

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884743	0.10	59.23	17.17	8.56	0.147	3.87	2.03	3.37	2.99	0.777	0.19	1.87	100.2	20	7	160	140	23	60	50	90	22	1	< 5
884744	0.06	73.41	15.95	1.08	0.108	0.05	0.51	5.00	3.39	0.004	0.43	0.82	100.7	1	11	< 5	< 20	< 1	< 20	< 10	40	34	3	< 5
884745	0.33	74.26	15.59	1.15	0.163	0.04	0.51	4.05	3.25	0.002	0.51	0.64	100.2	< 1	37	< 5	< 20	< 1	< 20	< 10	40	31	3	< 5
884746	0.49	75.17	15.41	1.22	0.123	0.04	0.41	4.09	2.73	0.001	0.40	0.49	100.1	< 1	31	< 5	< 20	< 1	< 20	< 10	< 30	29	3	< 5
884747	0.42	74.36	15.66	1.08	0.074	0.04	0.46	3.61	3.61	0.002	0.39	0.54	99.84	< 1	51	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
884748	0.49	73.55	15.80	1.07	0.074	0.04	0.36	2.39	5.51	0.001	0.33	0.50	99.63	< 1	58	< 5	< 20	< 1	< 20	< 10	< 30	29	3	< 5
884749	0.45	74.41	16.53	0.90	0.067	0.05	0.32	4.32	3.44	< 0.001	0.29	0.49	100.8	< 1	170	< 5	< 20	< 1	< 20	< 10	40	30	4	< 5
884750	< 0.01	98.01	0.29	0.85	0.010	0.01	0.02	0.03	0.05	0.028	0.03	-0.03	99.30	< 1	< 1	5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
884751	0.82	74.99	16.51	1.01	0.094	0.09	0.20	2.69	3.79	< 0.001	0.22	0.53	100.1	< 1	175	< 5	< 20	< 1	< 20	< 10	30	31	4	< 5
884752	0.55	72.80	16.98	0.86	0.089	0.06	0.26	3.26	4.54	< 0.001	0.29	0.59	99.75	< 1	178	< 5	< 20	< 1	< 20	10	40	30	4	< 5
884753	0.44	72.81	16.41	0.80	0.067	0.07	0.29	3.85	4.26	< 0.001	0.28	0.67	99.52	< 1	164	< 5	< 20	< 1	< 20	< 10	40	31	4	< 5
884754	0.49	74.89	16.18	0.93	0.090	0.05	0.32	4.29	2.91	0.001	0.31	0.53	100.5	< 1	192	< 5	< 20	< 1	< 20	< 10	40	32	4	< 5
884755	0.56	73.52	15.68	1.01	0.103	0.04	0.37	4.14	2.54	0.001	0.35	0.44	98.21	< 1	141	< 5	< 20	< 1	< 20	< 10	40	31	4	< 5
884756	0.27	74.01	15.62	0.94	0.083	0.04	0.42	3.38	4.33	0.001	0.37	0.75	99.96	< 1	100	5	< 20	< 1	< 20	< 10	< 30	29	3	< 5
884757	0.50	72.88	17.12	1.17	0.126	0.05	0.51	4.08	2.98	0.003	0.47	0.79	100.2	< 1	91	< 5	< 20	< 1	< 20	< 10	60	37	3	< 5
884758	0.18	70.55	16.75	0.83	0.065	0.12	0.44	2.56	8.11	0.019	0.31	0.56	100.3	< 1	47	7	< 20	1	< 20	80	40	24	3	< 5
884759	0.28	71.39	16.02	1.02	0.110	0.02	0.43	3.75	4.13	0.001	0.45	0.68	98.01	< 1	52	< 5	< 20	< 1	< 20	< 10	50	30	4	< 5
884760	0.36	86.17	8.31	1.70	0.048	0.04	0.15	1.74	1.30	0.035	0.09	0.16	99.73	< 1	79	< 5	< 20	1	< 20	20	50	19	2	< 5
884761	0.75	75.41	16.19	1.07	0.097	0.03	0.27	3.44	2.46	0.002	0.28	0.55	99.81	< 1	168	< 5	< 20	< 1	< 20	< 10	50	34	4	< 5
884762	0.85	75.58	15.91	1.09	0.109	0.04	0.29	3.69	1.40	0.005	0.28	0.49	98.89	< 1	221	< 5	< 20	< 1	< 20	20	130	35	3	< 5
884763	0.35	73.78	15.67	0.93	0.083	0.04	0.35	4.23	2.67	0.004	0.32	0.59	98.68	< 1	187	5	< 20	< 1	< 20	< 10	50	34	3	< 5
884764	0.51	73.87	16.01	1.09	0.104	0.03	0.38	4.20	2.34	0.003	0.38	0.62	99.04	< 1	111	< 5	< 20	< 1	< 20	< 10	40	32	4	< 5
884765	0.30	74.52	15.58	1.46	0.092	0.10	0.47	3.93	3.07	0.023	0.37	0.91	100.5	< 1	99	7	< 20	1	< 20	40	30	29	3	< 5
884766	0.43	73.16	16.03	1.19	0.099	0.04	0.39	4.49	2.39	0.003	0.39	0.59	98.77	< 1	80	< 5	< 20	< 1	< 20	10	< 30	31	3	< 5
884767	0.05	74.68	15.25	0.94	0.070	0.05	0.42	5.36	2.28	0.002	0.40	0.81	100.3	< 1	134	< 5	< 20	< 1	< 20	< 10	< 30	31	3	< 5
884768	0.04	73.74	15.99	0.95	0.073	0.05	0.42	5.63	2.24	0.003	0.40	0.78	100.3	< 1	141	< 5	< 20	1	< 20	< 10	< 30	33	4	< 5
884769	0.08	63.52	15.75	6.48	0.148	3.58	4.12	2.87	2.07	0.529	0.16	1.18	100.4	14	2	111	190	20	60	10	60	18	1	< 5
884770	< 0.01	99.61	0.31	0.58	0.007	0.02	0.02	0.03	0.05	0.029	< 0.01	0.14	100.8	< 1	< 1	5	< 20	< 1	< 20	10	< 30	< 1	< 1	< 5

Activation Laboratories Ltd. Report: A11-14477

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884743	291	320	11	118	9	< 2	< 0.5	< 0.2	15	< 0.5	161	660	< 0.4	2.8	5.8	1	2.7	9	6.7	2.2	
884744	783	30	6	21	30	< 2	< 0.5	< 0.2	69	< 0.5	51.9	49	3.4	1.6	32.0	1	5.7	9	1.5	6.5	
884745	825	29	< 2	20	16	< 2	< 0.5	< 0.2	62	< 0.5	53.8	58	3.6	1.9	11.4	2	6.7	11	1.3	9.0	
884746	666	24	< 2	22	16	< 2	< 0.5	< 0.2	56	< 0.5	45.3	50	1.5	2.0	14.2	< 1	5.4	9	1.3	8.3	
884747	952	26	< 2	21	16	< 2	< 0.5	< 0.2	54	< 0.5	53.9	62	1.0	1.9	16.0	< 1	6.8	9	1.6	8.8	
884748	1340	34	< 2	14	15	< 2	< 0.5	< 0.2	57	< 0.5	57.3	85	2.0	1.5	15.2	< 1	11.1	11	1.5	6.5	2.71
884749	943	30	< 2	19	24	< 2	< 0.5	< 0.2	54	< 0.5	50.7	67	1.1	2.5	32.3	< 1	8.4	9	1.5	5.5	
884750	2	4	< 2	52	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	23	< 0.4	1.2	< 0.1	< 1	< 0.1	< 5	0.6	0.3	
884751	1120	29	< 2	26	26	< 2	< 0.5	< 0.2	59	< 0.5	67.1	68	0.8	3.1	52.3	< 1	9.7	10	1.9	6.2	
884752	1360	35	< 2	16	37	< 2	< 0.5	< 0.2	54	< 0.5	78.3	71	0.7	2.6	71.9	< 1	12.0	10	1.6	5.8	
884753	1180	42	< 2	15	27	< 2	< 0.5	< 0.2	58	< 0.5	67.2	127	1.6	2.3	42.5	< 1	10.4	9	1.4	4.3	
884754	872	37	< 2	24	27	< 2	< 0.5	< 0.2	56	< 0.5	56.5	78	1.2	3.2	47.7	< 1	7.8	9	1.9	5.5	
884755	708	38	< 2	22	17	< 2	< 0.5	< 0.2	59	< 0.5	44.0	93	1.3	2.6	32.0	< 1	5.9	11	1.7	6.5	
884756	1100	49	< 2	14	19	< 2	< 0.5	< 0.2	64	< 0.5	57.6	75	3.4	1.8	23.7	1	8.9	11	1.4	4.8	
884757	879	43	< 2	20	27	< 2	< 0.5	< 0.2	77	< 0.5	48.3	26	4.0	2.2	21.4	< 1	7.3	14	1.9	7.6	
884758	1980	56	< 2	19	15	< 2	< 0.5	< 0.2	53	< 0.5	87.2	71	6.6	1.3	18.7	4	17.4	28	1.2	4.3	
884759	1230	48	< 2	19	24	< 2	< 0.5	< 0.2	60	< 0.5	69.7	31	3.9	2.2	32.5	< 1	11.1	12	1.8	7.5	
884760	319	24	3	57	21	11	< 0.5	< 0.2	46	< 0.5	21.5	60	< 0.4	2.0	16.0	< 1	3.0	8	2.2	2.6	
884761	825	30	< 2	14	30	< 2	< 0.5	< 0.2	96	< 0.5	65.4	37	2.2	2.0	32.7	< 1	7.3	10	1.5	4.1	
884762	497	23	< 2	18	29	3	< 0.5	< 0.2	92	< 0.5	47.1	24	2.6	2.3	37.4	< 1	4.4	10	1.8	5.6	
884763	709	29	< 2	19	26	< 2	< 0.5	< 0.2	75	< 0.5	44.3	30	1.4	2.5	33.1	< 1	5.9	11	1.6	5.0	
884764	669	33	< 2	20	26	< 2	< 0.5	< 0.2	70	< 0.5	42.5	36	3.8	2.3	33.0	< 1	5.4	9	1.6	6.7	
884765	781	40	< 2	25	21	< 2	< 0.5	< 0.2	60	< 0.5	49.3	59	1.6	2.0	25.4	< 1	6.8	10	1.6	6.0	
884766	657	26	2	21	27	< 2	< 0.5	< 0.2	60	< 0.5	41.2	37	2.4	2.2	41.4	< 1	5.5	9	1.3	6.2	
884767	637	25	< 2	18	30	< 2	< 0.5	< 0.2	74	< 0.5	42.0	23	4.4	2.0	36.5	< 1	5.3	9	1.6	5.8	2.63
884768	654	27	2	16	30	< 2	< 0.5	< 0.2	74	< 0.5	48.5	41	6.6	1.8	42.4	1	5.6	10	1.5	4.0	
884769	149	442	12	109	5	< 2	< 0.5	< 0.2	3	< 0.5	54.3	484	< 0.4	2.7	0.9	< 1	1.5	9	6.1	1.9	
884770	< 2	4	< 2	66	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	26	< 0.4	1.5	< 0.1	< 1	0.2	< 5	0.7	0.3	

Activation Laboratories Ltd. Report: A11-14477

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.32	1.92	0.72	0.013	0.35	43.11	0.87	0.55	0.117	30.21					1674									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.08	18.87	9.89	0.148	10.15	11.45	1.93	0.22	0.494	0.07			31		158	270	58	250	100	60				
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.34	12.80	3.20	0.141	0.14	0.58	2.47	5.44	0.281	0.04			5	4	6									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	70	30	50	30				25	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	240	90	300	150					
TDB-1 Cert																	251	92	323	155					
W-2a Meas		52.33	15.37	10.74	0.165	6.30	10.97	2.22	0.62	1.079	0.13			35	< 1	274	80	43	70	110	70	17	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
SY-4 Meas		49.43	20.52	6.18	0.107	0.50	8.05	6.89	1.65	0.288	0.13			1	3	< 5									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																		< 1		50	30				
CTA-AC-1 Cert																		2.72		54.0	38.0				
BIR-1a Meas		47.80	15.71	11.22	0.171	9.61	13.42	1.83	0.02	0.964	0.02			44	< 1	333	370	55	170	130	60	16		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
ZW-C Meas	1.13																				1010	93			
ZW-C Cert	1.13																				1050	99			
ZW-C Meas	1.13																								
ZW-C Cert	1.13																								
ZW-C Meas	1.15																								
ZW-C Cert	1.13																								
ZW-C Meas	1.19																								
ZW-C Cert	1.13																								
NCS DC70014 Meas																		26	70	2630	7400	25			
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																	30	4	< 20	910	100	16	11	72	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		16		160					
OREAS 100a (Fusion) Cert																		18.1		169					
OREAS 101a (Fusion) Meas																		46		400					
OREAS 101a (Fusion) Cert																		48.8		434					
JR-1 Meas																	< 20	< 1	< 20	< 10	< 30	16	2	13	
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.21																								
NCS DC86303 Cert	0.21																								
NCS DC86303 Meas	0.23																								
NCS DC86303 Cert	0.21																								
NCS DC86304 Meas	1.06																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.07																								
NCS DC86304 Cert	1.06																								
NCS DC86304 Meas	1.08																								
NCS DC86304 Cert	1.06																								

Activation Laboratories Ltd. Report: A11-14477

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NCS DC86304 Meas	1.12																								
NCS DC86304 Cert	1.06																								
NCS DC86314 Meas	1.76																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.78																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.82																								
NCS DC86314 Cert	1.81																								
NCS DC86314 Meas	1.84																								
NCS DC86314 Cert	1.81																								
884746 Orig	0.49																								
884746 Dup	0.49																								
884756 Orig	0.27																								
884756 Dup	0.27																								
884757 Orig		72.28	17.00	1.17	0.125	0.05	0.50	4.04	2.94	0.003	0.47	0.79	99.37	< 1	89	< 5	< 20	< 1	< 20	< 10	50	37	3	< 5	
884757 Dup		73.48	17.23	1.17	0.127	0.05	0.51	4.12	3.01	0.003	0.48	0.79	101.0	< 1	92	< 5	< 20	< 1	< 20	30	60	37	3	< 5	
884766 Orig	0.43																								
884766 Dup	0.42																								
884769 Orig	0.08	63.52	15.75	6.48	0.148	3.58	4.12	2.87	2.07	0.529	0.16	1.18	100.4	14	2	111	190	20	60	10	60	18	1	< 5	
884769 Split	0.08	63.80	15.96	6.34	0.147	3.50	4.13	2.87	2.10	0.531	0.18	1.17	100.7	14	2	114	190	20	60	10	70	18	1	< 5	
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-14477

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		147	15	35						0.8		104									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	45	404								502									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	72					< 2	1.3		2	1.2	2.3				0.7	2					4.6
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60
TDB-1 Meas	21																				2.7
TDB-1 Cert	23																				2.7
W-2a Meas	21	195	18	89	8	< 2	< 0.5			0.9	0.9	173	< 0.4	2.4	0.5	< 1		8	2.4		0.5
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40		0.530
SY-4 Meas		1198	113	524								342									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.5	2.8				23.3		4.2
CTA-AC-1 Cert														1.13	2.65				21.8		4.4
BIR-1a Meas		109	13	13	< 1					0.6		4		0.6					< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60					3		
ZW-C Meas	8010														84.2						
ZW-C Cert	8500														82						
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
NCS DC70014 Meas						270	16.9				180		80.3						27200		
NCS DC70014 Cert						270	16.7				180.000		80.3						27200.00		
NCS DC70009 (GBW07241) Meas	505						2.0	1.3	1700	2.8	43.6					2200				30.2	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00				28.3	
OREAS 100a (Fusion) Meas																				47.8	132
OREAS 100a (Fusion) Cert																				51.6	135
OREAS 101a (Fusion) Meas						20														34.8	423
OREAS 101a (Fusion) Cert						21.9														36.6	422
JR-1 Meas	251				15	3	< 0.5	< 0.2	3	1.1	20.9		0.6	4.4	1.9	1	1.5	18	27.4		9.4
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7		8.88
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					

Activation Laboratories Ltd. Report: A11-14477

Quality Control

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV

NCS DC86304 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 NCS DC86314 Meas
 NCS DC86314 Cert
 884746 Orig
 884746 Dup
 884756 Orig
 884756 Dup
 884757 Orig
 884757 Dup
 884766 Orig
 884766 Dup
 884769 Orig
 884769 Split
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank
 Method Blank

884757 Orig	876	43	< 2	21	28	< 2	< 0.5	< 0.2	77	< 0.5	48.0	25	4.5	2.3	22.2	2	7.6	14	1.9	7.5
884757 Dup	882	43	< 2	20	27	< 2	< 0.5	< 0.2	77	< 0.5	48.5	26	3.5	2.2	20.6	< 1	7.1	14	1.9	7.6
884769 Orig	149	442	12	109	5	< 2	< 0.5	< 0.2	3	< 0.5	54.3	484	< 0.4	2.7	0.9	< 1	1.5	9	6.1	1.9
884769 Split	148	441	12	115	5	< 2	< 0.5	< 0.2	3	< 0.5	54.0	478	< 0.4	2.6	0.8	< 1	1.2	11	5.9	1.8
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1

1.00



Date Submitted: 05-Dec-11
Invoice No.: A11-14528
Invoice Date: 28-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

5 Pulp samples and 47 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14528**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14528

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	FUS-ICP	0.01	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884496	0.12	57.39	17.49	9.12	0.165	4.67	1.93	3.02	3.83	0.804	0.20	1.80	100.4	25	5	183	230	30	110	< 10	80	23	2	< 5
884497	< 0.01	73.22	16.10	0.70	0.053	0.07	0.66	4.71	3.15	0.013	0.42	1.07	100.2	< 1	62	5	< 20	< 1	< 20	< 10	< 30	31	3	< 5
884498	0.43	74.05	16.46	0.85	0.145	0.05	0.29	5.16	2.20	0.001	0.36	0.60	100.2	< 1	97	< 5	< 20	< 1	< 20	< 10	30	32	3	< 5
884499	0.43	75.07	16.07	0.87	0.159	0.06	0.32	4.43	2.95	0.001	0.40	0.59	100.9	< 1	79	< 5	< 20	< 1	< 20	< 10	40	30	3	< 5
884500	0.37	86.22	8.27	1.68	0.048	0.04	0.15	1.74	1.35	0.035	0.09	0.07	99.70	< 1	77	< 5	< 20	< 1	< 20	20	40	19	2	< 5
880501	0.63	74.91	16.47	0.91	0.154	0.04	0.31	4.08	2.41	0.001	0.39	0.51	100.2	< 1	105	< 5	< 20	< 1	< 20	< 10	50	32	3	< 5
880502	0.47	73.16	15.67	1.01	0.142	0.05	0.40	3.87	3.07	0.001	0.46	0.60	98.44	< 1	96	< 5	< 20	< 1	< 20	< 10	40	33	3	< 5
880503	0.50	74.05	16.00	1.10	0.141	0.05	0.47	3.40	3.16	0.001	0.50	0.64	99.51	< 1	115	< 5	< 20	< 1	< 20	< 10	40	34	3	< 5
880504	0.21	74.01	15.25	0.81	0.115	0.05	0.64	5.11	2.16	< 0.001	0.50	0.75	99.40	< 1	139	< 5	< 20	< 1	< 20	< 10	30	31	3	< 5
880505	0.67	75.65	15.89	0.96	0.150	0.04	0.32	4.16	1.59	0.001	0.42	0.47	99.65	< 1	189	< 5	< 20	< 1	< 20	< 10	< 30	36	4	< 5
880506	0.71	74.61	16.50	1.00	0.134	0.05	0.30	4.02	1.66	< 0.001	0.37	0.42	99.07	< 1	196	< 5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
880507	0.66	73.31	16.52	0.91	0.149	0.06	0.28	4.45	1.56	< 0.001	0.38	0.42	98.05	< 1	174	< 5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
880508	0.13	72.84	15.19	0.81	0.093	0.07	0.58	4.43	4.00	< 0.001	0.53	0.59	99.12	< 1	103	< 5	< 20	< 1	< 20	20	< 30	28	3	< 5
880509	0.20	73.36	16.20	0.90	0.154	0.08	0.62	5.78	2.17	< 0.001	0.57	0.68	100.5	< 1	149	< 5	< 20	< 1	< 20	< 10	< 30	33	4	< 5
880510	< 0.01	99.59	0.33	1.10	0.012	0.01	0.02	0.03	0.05	0.032	< 0.01	-0.18	101.0	< 1	< 1	5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
880511	0.11	74.20	14.51	0.81	0.091	0.05	0.49	2.75	5.82	0.001	0.44	0.70	99.87	< 1	54	6	< 20	< 1	< 20	10	40	30	3	< 5
880512	0.48	78.77	12.63	1.03	0.150	0.06	0.33	3.21	2.08	< 0.001	0.40	0.38	99.03	< 1	91	6	< 20	< 1	< 20	< 10	60	28	3	< 5
880513	0.33	74.05	15.97	0.84	0.094	0.06	0.65	4.58	2.71	0.001	0.52	0.64	100.1	< 1	91	6	< 20	< 1	< 20	< 10	< 30	33	3	< 5
880514	0.50	72.37	17.32	0.88	0.091	0.07	0.38	4.99	2.42	0.001	0.32	0.54	99.37	< 1	181	< 5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
880515	0.02	74.27	15.49	0.98	0.110	0.14	0.78	4.94	1.99	0.015	0.26	1.21	100.2	< 1	119	9	< 20	1	< 20	< 10	< 30	34	3	< 5
880516	0.16	59.80	15.94	7.68	0.138	3.87	2.08	2.88	3.63	0.660	0.28	2.00	98.96	20	18	143	180	28	100	< 10	80	22	2	< 5
880517	0.15	62.64	15.93	6.25	0.132	2.80	1.88	3.31	3.08	0.528	0.36	1.73	98.64	14	40	110	180	22	80	< 10	90	23	2	< 5
880518	0.23	74.62	16.00	0.97	0.076	0.08	0.52	4.25	2.38	0.006	0.34	1.11	100.4	< 1	185	6	< 20	< 1	< 20	< 10	< 30	36	3	< 5
880519	0.34	74.37	15.95	0.93	0.078	0.07	0.45	4.52	2.93	0.002	0.36	0.66	100.3	< 1	150	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
880520	0.71	73.70	15.67	3.26	0.095	0.06	0.28	3.46	2.47	0.004	0.15	-0.04	99.12	< 1	158	< 5	20	1	20	50	100	39	4	< 5
880521	0.18	74.28	15.86	0.97	0.076	0.14	0.58	4.34	3.46	0.023	0.39	0.86	101.0	< 1	130	11	< 20	< 1	< 20	< 10	< 30	32	3	< 5
880522	0.12	61.23	16.43	7.39	0.115	3.62	2.46	2.79	3.26	0.663	0.18	1.43	99.56	19	7	141	200	26	90	30	100	20	2	< 5
880523	0.06	63.56	15.74	6.38	0.092	3.05	2.88	3.16	2.73	0.579	0.19	0.98	99.35	16	7	118	190	22	80	50	80	20	1	< 5
880524	< 0.01	74.65	15.37	0.77	0.095	0.03	0.47	5.42	1.82	0.003	0.33	0.99	99.94	< 1	21	< 5	< 20	< 1	< 20	< 10	60	35	3	< 5
880525	< 0.01	73.99	14.78	0.69	0.036	0.03	0.38	5.85	1.50	0.002	0.28	0.70	98.24	< 1	21	< 5	< 20	< 1	< 20	< 10	40	31	3	< 5
880526	< 0.01	76.26	15.05	0.70	0.046	0.02	0.33	6.12	1.56	0.002	0.24	0.67	101.0	< 1	38	6	< 20	< 1	< 20	< 10	50	31	3	< 5
880527	0.02	73.13	15.32	1.41	0.127	0.36	0.71	5.44	2.48	0.058	0.49	0.76	100.3	2	22	16	20	2	< 20	< 10	50	30	3	< 5
880528	0.02	71.63	15.60	0.74	0.058	0.02	0.67	5.53	2.85	0.001	0.64	0.76	98.51	< 1	21	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
880529	< 0.01	75.81	14.65	0.87	0.041	0.04	0.55	4.34	3.26	0.001	0.42	0.91	100.9	< 1	11	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
880530	< 0.01	97.96	0.33	1.24	0.013	0.01	0.02	0.03	0.05	0.029	< 0.01	-0.11	99.58	< 1	< 1	6	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
880531	< 0.01	73.91	14.25	1.16	0.028	0.06	0.47	3.52	3.27	0.003	0.22	1.11	98.01	< 1	46	< 5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
880532	< 0.01	73.89	15.33	1.04	0.027	0.06	0.78	4.63	2.87	0.001	0.47	0.99	100.1	< 1	89	6	< 20	< 1	< 20	< 10	< 30	31	3	< 5
880533	< 0.01	72.41	16.72	1.10	0.028	0.08	0.53	6.08	1.84	0.002	0.34	0.97	100.1	< 1	191	5	< 20	< 1	< 20	10	< 30	35	3	< 5
880534	0.02	74.27	14.93	0.93	0.071	0.04	0.76	6.00	1.59	0.001	0.65	0.69	99.92	< 1	71	6	< 20	< 1	< 20	< 10	60	31	3	< 5
880535	< 0.01	71.57	18.20	0.68	0.039	0.03	0.42	6.94	1.80	0.002	0.31	0.88	100.9	< 1	94	< 5	< 20	< 1	< 20	< 10	< 30	40	3	< 5
880536	< 0.01	75.55	14.82	0.75	0.035	0.03	0.33	4.36	3.56	0.002	0.27	0.67	100.4	< 1	52	5	< 20	< 1	< 20	< 10	< 30	29	3	< 5
880537	< 0.01	75.87	14.79	0.74	0.034	0.02	0.48	5.39	2.55	0.001	0.34	0.73	101.0	< 1	86	< 5	< 20	< 1	< 20	< 10	< 30	30	3	< 5
880538	0.01	74.28	15.86	0.97	0.132	0.04	0.51	5.41	2.12	0.002	0.43	0.94	100.7	< 1	14	< 5	< 20	< 1	< 20	< 10	100	35	3	< 5
880539	0.08	62.43	16.03	6.63	0.117	3.11	2.78	3.33	3.15	0.591	0.39	1.52	100.1	16	16	118	190	22	80	10	100	21	2	< 5
880540	0.36	87.42	8.14	1.65	0.048	0.04	0.16	1.71	1.34	0.031	0.08	0.18	100.8	< 1	76	5	< 20	< 1	< 20	20	50	20	2	< 5
880541	< 0.01	75.27	15.40	0.73	0.061	0.07	0.57	6.07	1.49	0.010	0.34	0.85	100.9	< 1	13	7	< 20	< 1	< 20	< 10	< 30	31	3	< 5
880542	0.03	74.36	15.28	0.80	0.189	0.02	0.57	6.15	1.71	0.002	0.70	0.69	100.5	< 1	14	7	< 20	< 1	< 20	< 10	50	33	3	< 5
880543	0.03	74.99	14.83	1.15	0.255	0.05	0.49	4.86	2.62	0.003	0.54	1.21	101.0	< 1	22	< 5	< 20	< 1	< 20	< 10	70	35	3	< 5
880544	< 0.01	73.50	14.89	0.63	0.041	0.04	0.64	6.78	1.05	0.001	0.45	0.92	98.93	< 1	55	< 5	< 20	< 1	< 20	< 10	< 30	31	3	< 5
880545	< 0.01	74.73	15.48	0.66																				

Activation Laboratories Ltd. Report: A11-14528

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
880547	0.06	63.63	15.71	7.23	0.114	3.21	2.60	3.27	2.50	0.600	0.19	1.56	100.6	16	4	123	200	22	80	60	80	19	2	< 5

Activation Laboratories Ltd. Report: A11-14528

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884496	293	277	14	124	8	<2	<0.5	<0.2	13	<0.5	57.8	865	0.6	3.0	3.2	<1	2.3	10	7.2	3.5	
884497	673	31	<2	20	23	<2	<0.5	<0.2	56	<0.5	23.4	32	0.5	1.7	26.0	1	5.0	7	1.3	4.9	
884498	510	21	<2	23	18	<2	<0.5	<0.2	51	<0.5	23.2	25	1.7	2.4	21.5	<1	4.4	14	1.3	8.4	2.68
884499	675	25	<2	20	20	<2	<0.5	<0.2	45	<0.5	30.0	24	1.7	2.0	21.5	<1	5.8	12	1.3	10.2	
884500	310	24	2	60	19	11	<0.5	<0.2	44	<0.5	21.7	61	<0.4	2.1	13.3	1	2.6	9	2.2	2.5	
880501	600	22	<2	23	20	<2	<0.5	<0.2	57	<0.5	30.8	12	1.9	2.2	28.0	2	4.9	13	1.2	9.8	
880502	746	31	<2	20	19	<2	<0.5	<0.2	59	<0.5	38.4	20	1.7	1.8	15.9	<1	6.1	15	1.6	14.2	
880503	846	35	<2	32	18	<2	<0.5	<0.2	59	<0.5	52.8	17	1.9	2.9	14.7	<1	6.9	17	2.2	16.9	
880504	650	44	<2	18	19	<2	<0.5	<0.2	45	<0.5	40.7	12	2.1	2.2	21.3	1	5.1	11	1.6	10.7	
880505	539	28	<2	35	16	<2	<0.5	<0.2	43	<0.5	39.3	19	0.5	3.8	26.8	<1	3.9	12	1.7	9.9	
880506	506	28	<2	37	14	<2	<0.5	<0.2	49	<0.5	35.1	9	0.6	4.1	18.6	<1	4.4	13	2.1	10.4	
880507	494	24	<2	24	29	<2	<0.5	<0.2	48	<0.5	38.3	19	<0.4	3.2	48.2	<1	4.0	8	1.8	9.7	
880508	1070	46	<2	22	32	<2	<0.5	<0.2	38	<0.5	50.8	22	0.7	2.4	32.0	<1	9.3	13	1.5	9.2	
880509	618	40	<2	26	23	<2	<0.5	<0.2	44	<0.5	43.9	27	1.5	3.0	24.6	<1	5.1	13	1.8	12.8	
880510	2	5	<2	61	<1	<2	0.6	<0.2	<1	<0.5	<0.5	39	<0.4	1.4	<0.1	<1	<0.1	<5	0.6	0.3	
880511	1660	43	<2	21	19	<2	<0.5	<0.2	46	<0.5	75.8	23	1.4	2.2	16.8	1	13.1	16	1.9	14.9	
880512	626	25	<2	16	16	<2	<0.5	<0.2	45	<0.5	39.0	13	2.9	2.0	23.6	1	5.4	9	1.2	9.6	
880513	839	38	<2	21	35	<2	<0.5	<0.2	53	<0.5	58.0	16	1.4	2.7	59.1	2	7.2	13	1.6	11.3	
880514	638	28	<2	18	29	<2	<0.5	<0.2	50	<0.5	39.5	16	0.6	3.1	40.2	<1	5.3	9	1.5	6.2	2.70
880515	424	50	3	21	37	<2	<0.5	<0.2	67	<0.5	40.2	87	0.8	2.6	50.7	2	2.9	7	1.8	3.4	
880516	733	250	12	112	10	<2	0.6	<0.2	44	<0.5	348	649	<0.4	2.8	9.7	1	7.3	9	6.9	3.3	
880517	957	239	10	110	17	<2	0.6	<0.2	59	<0.5	280	484	0.5	3.0	17.7	2	10.7	9	6.1	3.0	
880518	610	42	2	8	32	<2	<0.5	<0.2	83	<0.5	43.1	48	0.9	1.2	41.3	3	4.5	6	1.2	2.8	
880519	775	25	<2	16	37	<2	<0.5	<0.2	52	<0.5	42.7	23	2.0	2.1	87.3	1	6.5	10	1.3	7.1	
880520	649	45	<2	15	44	22	<0.5	<0.2	85	<0.5	42.7	104	<0.4	1.7	31.6	2	4.8	14	1.7	5.0	
880521	946	39	2	20	30	<2	<0.5	<0.2	60	<0.5	65.4	79	1.3	2.3	42.8	2	8.3	12	1.4	6.7	2.65
880522	303	329	11	125	7	<2	0.6	<0.2	13	<0.5	129	710	0.5	3.1	0.9	2	3.5	12	6.9	2.3	
880523	269	390	11	115	7	<2	<0.5	<0.2	15	<0.5	89.3	569	<0.4	2.7	1.2	<1	2.3	12	6.2	2.0	
880524	445	27	<2	23	24	<2	<0.5	<0.2	55	<0.5	19.1	11	3.0	2.2	15.2	2	2.6	14	1.4	12.9	
880525	435	26	<2	52	22	<2	<0.5	<0.2	46	<0.5	21.5	7	<0.4	4.8	24.7	2	2.8	15	2.0	21.3	
880526	445	23	<2	37	21	<2	<0.5	<0.2	44	<0.5	23.5	6	<0.4	3.7	25.5	2	2.8	12	1.6	15.9	
880527	560	63	3	75	18	<2	<0.5	<0.2	39	<0.5	26.6	57	0.8	4.6	13.6	2	3.9	15	2.3	16.2	
880528	697	46	<2	52	21	<2	<0.5	<0.2	50	<0.5	30.6	9	58.1	4.6	9.2	2	3.7	27	2.0	17.3	
880529	753	39	<2	54	16	<2	<0.5	<0.2	56	<0.5	28.4	13	1.4	4.4	6.2	2	4.9	16	2.1	21.3	
880530	3	4	<2	56	<1	<2	<0.5	<0.2	<1	<0.5	<0.5	21	<0.4	1.4	<0.1	<1	0.4	<5	0.7	0.4	
880531	754	32	3	53	18	<2	2.8	<0.2	70	<0.5	30.2	17	2.6	4.3	9.1	3	4.7	16	1.7	19.2	
880532	657	47	<2	18	16	<2	0.5	<0.2	60	<0.5	26.2	16	2.0	1.7	9.2	2	4.4	14	1.1	8.5	
880533	506	35	4	115	23	<2	0.7	<0.2	58	<0.5	25.7	13	24.1	11.3	25.1	2	3.2	35	4.5	45.0	2.70
880534	448	39	<2	60	16	<2	<0.5	<0.2	44	<0.5	26.3	7	0.8	5.6	8.9	1	2.8	22	2.5	21.7	
880535	562	29	<2	24	36	<2	<0.5	<0.2	65	<0.5	45.4	5	0.9	3.0	50.1	2	3.5	12	1.9	13.4	
880536	974	32	<2	15	15	<2	<0.5	<0.2	49	<0.5	84.7	12	0.5	1.6	13.1	2	9.0	14	1.0	7.9	
880537	771	33	<2	39	27	<2	<0.5	<0.2	49	<0.5	68.3	7	0.8	4.0	55.1	2	6.6	15	1.9	16.4	
880538	547	34	<2	38	21	<2	<0.5	<0.2	63	<0.5	27.2	12	2.0	3.4	18.2	2	3.6	18	1.9	18.0	
880539	797	350	11	116	8	<2	0.5	<0.2	46	<0.5	180	536	<0.4	2.7	3.6	1	7.3	13	6.2	2.0	
880540	325	23	3	68	23	12	<0.5	<0.2	44	0.6	21.4	61	0.4	2.3	15.2	1	2.9	9	2.2	2.7	
880541	373	29	<2	28	18	<2	<0.5	<0.2	49	<0.5	20.5	24	2.8	2.3	13.2	1	2.3	13	1.1	11.4	
880542	494	37	<2	72	16	<2	<0.5	<0.2	50	<0.5	27.2	4	1.2	4.1	6.0	<1	3.4	19	2.0	21.2	
880543	656	32	<2	29	21	<2	<0.5	<0.2	63	<0.5	40.7	10	2.5	2.4	9.9	2	4.7	20	1.9	16.0	
880544	288	38	2	48	19	<2	<0.5	<0.2	37	<0.5	16.3	6	0.8	5.3	17.1	1	1.9	19	2.6	21.6	
880545	340	35	<2	27	16	<2	<0.5	<0.2	41	<0.5	15.4	24	1.7	2.4	10.4	1	2.0	11	1.5	12.4	
880546	336	32	3	27	15	<2	<0.5	<0.2	40	<0.5	15.2	27	1.4	2.4	10.3	3	1.9	11	1.3	12.3	
880547	143	353	11	125	6	<2	0.5	<0.2	11	<0.5	42.8	555	<0.4	3.0	0.9	<1	1.1	17	6.5	2.4	

Activation Laboratories Ltd. Report: A11-14528

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas		11.32	1.92	0.72	0.013	0.35	43.11	0.87	0.55	0.117	30.21					1674										
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740										
DNC-1 Meas		47.08	18.87	9.89	0.148	10.15	11.45	1.93	0.22	0.494	0.07			31		158	270	58	250	100	60					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas		72.34	12.80	3.20	0.141	0.14	0.58	2.47	5.44	0.281	0.04			5	4	6										
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00										
LKSD-3 Meas																	70	30	50	30				25		
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0		
TDB-1 Meas																	240	90	300	150						
TDB-1 Cert																	251	92	323	155						
W-2a Meas		52.33	15.37	10.74	0.165	6.30	10.97	2.22	0.62	1.079	0.13			35	< 1	274	80	43	70	110	70	17	2	< 5		
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20		
SY-4 Meas		49.43	20.52	6.18	0.107	0.50	8.05	6.89	1.65	0.288	0.13			1	3	< 5										
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0										
CTA-AC-1 Meas																		< 1		50	30					
CTA-AC-1 Cert																		2.72		54.0	38.0					
BIR-1a Meas		47.80	15.71	11.22	0.171	9.61	13.42	1.83	0.02	0.964	0.02			44	< 1	333	370	55	170	130	60	16		< 5		
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44		
ZW-C Meas	1.13																				1010	93				
ZW-C Cert	1.13																				1050	99				
ZW-C Meas	1.13																									
ZW-C Cert	1.13																									
ZW-C Meas	1.15																									
ZW-C Cert	1.13																									
ZW-C Meas	1.19																									
ZW-C Cert	1.13																									
NCS DC70014 Meas																		26	70	2630	7400	25				
NCS DC70014 Cert																		26.2	70.9	2600.00	7400.00	25.2				
NCS DC70009 (GBW07241) Meas																		30	4	< 20	910	100	16	11	72	
NCS DC70009 (GBW07241) Cert																		30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																		16		160						
OREAS 100a (Fusion) Cert																		18.1		169						
OREAS 101a (Fusion) Meas																		46		400						
OREAS 101a (Fusion) Cert																		48.8		434						
JR-1 Meas																		< 20	< 1	< 20	< 10	< 30	16	2	13	
JR-1 Cert																		2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.22																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.21																									
NCS DC86303 Cert	0.21																									
NCS DC86303 Meas	0.23																									
NCS DC86303 Cert	0.21																									
NCS DC86304 Meas	1.06																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.07																									
NCS DC86304 Cert	1.06																									
NCS DC86304 Meas	1.08																									
NCS DC86304 Cert	1.06																									

Activation Laboratories Ltd. Report: A11-14528

Quality Control																										
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As		
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5		
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NCS DC86304 Meas	1.12																									
NCS DC86304 Cert	1.06																									
NCS DC86314 Meas	1.76																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.78																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.82																									
NCS DC86314 Cert	1.81																									
NCS DC86314 Meas	1.84																									
NCS DC86314 Cert	1.81																									
884498 Orig		73.54	16.32	0.84	0.145	0.05	0.28	5.11	2.17	0.001	0.37	0.60	99.44	< 1	96	< 5	< 20	< 1	< 20	< 10	30	32	3	< 5		
884498 Dup		74.56	16.60	0.86	0.145	0.05	0.29	5.21	2.22	0.001	0.36	0.60	100.9	< 1	98	< 5	< 20	< 1	< 20	< 10	30	32	3	< 5		
884500 Orig	0.36																									
884500 Dup	0.37																									
880509 Orig		73.17	15.92	0.90	0.153	0.08	0.61	5.79	2.17	< 0.001	0.57	0.68	100.0	< 1	149	< 5	< 20	< 1	< 20	< 10	30	33	4	< 5		
880509 Dup		73.56	16.48	0.89	0.154	0.08	0.63	5.76	2.17	< 0.001	0.57	0.68	101.0	< 1	149	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5		
880510 Orig	< 0.01																									
880510 Dup	< 0.01																									
880520 Orig	0.70																									
880520 Dup	0.72																									
880524 Orig		74.57	15.41	0.77	0.095	0.03	0.47	5.41	1.82	0.003	0.34	0.99	99.90	< 1	21	< 5	< 20	< 1	< 20	< 10	60	35	3	< 5		
880524 Dup		74.73	15.32	0.77	0.094	0.03	0.47	5.43	1.82	0.003	0.33	0.99	99.98	< 1	21	< 5	< 20	< 1	< 20	< 10	50	34	3	< 5		
880525 Orig	< 0.01	73.99	14.78	0.69	0.036	0.03	0.38	5.85	1.50	0.002	0.28	0.70	98.24	< 1	21	< 5	< 20	< 1	< 20	< 10	40	31	3	< 5		
880525 Split	< 0.01	76.11	14.94	0.70	0.038	0.03	0.40	5.98	1.55	0.002	0.30	0.87	100.9	< 1	23	6	< 20	< 1	< 20	< 10	40	32	3	< 5		
880530 Orig	< 0.01																									
880530 Dup	< 0.01																									
880533 Orig																										
880533 Dup																										
880540 Orig	0.37																									
880540 Dup	0.35																									
880541 Orig		75.36	15.38	0.73	0.061	0.07	0.58	6.05	1.50	0.010	0.34	0.85	100.9	< 1	13	7	< 20	< 1	< 20	< 10	< 30	31	3	< 5		
880541 Dup		75.18	15.43	0.73	0.062	0.07	0.57	6.10	1.48	0.010	0.34	0.85	100.8	< 1	13	7	< 20	< 1	< 20	< 10	< 30	31	3	< 5		
880545 Orig	< 0.01	74.73	15.48	0.66	0.049	0.05	0.70	6.44	1.32	0.002	0.45	0.96	100.8	< 1	47	6	< 20	< 1	< 20	< 10	< 30	29	3	< 5		
880545 Split	< 0.01	74.74	15.66	0.65	0.051	0.05	0.69	6.47	1.30	0.003	0.43	0.85	100.9	< 1	41	5	< 20	< 1	< 20	< 10	< 30	29	2	< 5		
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5		
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									
Method Blank	< 0.01																									

Activation Laboratories Ltd. Report: A11-14528

Quality Control																					
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas		147	15	35						0.8		104									
DNC-1 Cert		144.0	18.0	38						0.96		118									
GBW 07113 Meas		41	45	404								502									
GBW 07113 Cert		43.0	43.0	403								506									
LKSD-3 Meas	72					< 2	1.3		2	1.2	2.3				0.7	2					4.6
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60
TDB-1 Meas	21																				2.7
TDB-1 Cert	23																				2.7
W-2a Meas	21	195	18	89	8	< 2	< 0.5			0.9	0.9	173	< 0.4	2.4	0.5	< 1		8	2.4		0.5
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40		0.530
SY-4 Meas		1198	113	524								342									
SY-4 Cert		1191	119	517								340									
CTA-AC-1 Meas														1.5	2.8				23.3		4.2
CTA-AC-1 Cert														1.13	2.65				21.8		4.4
BIR-1a Meas		109	13	13	< 1					0.6		4		0.6					< 5		
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60					3		
ZW-C Meas	8010															84.2					
ZW-C Cert	8500															82					
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
ZW-C Meas																					
ZW-C Cert																					
NCS DC70014 Meas						270	16.9				180		80.3						27200		
NCS DC70014 Cert						270	16.7				180.000		80.3						27200.00		
NCS DC70009 (GBW07241) Meas	505						2.0	1.3	1700		2.8	43.6					2200			30.2	
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000		3.1	41					2200.00			28.3	
OREAS 100a (Fusion) Meas																				47.8	132
OREAS 100a (Fusion) Cert																				51.6	135
OREAS 101a (Fusion) Meas						20														34.8	423
OREAS 101a (Fusion) Cert						21.9														36.6	422
JR-1 Meas	251				15	3	< 0.5	< 0.2	3	1.1	20.9		0.6	4.4	1.9	1	1.5	18	27.4		9.4
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7		8.88
SARM 3 Meas					979																
SARM 3 Cert					978																
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					

Activation Laboratories Ltd. Report: A11-14528

Quality Control

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
NCS DC86304 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
884498 Orig	509	20	< 2	23	18	< 2	< 0.5	< 0.2	52	< 0.5	23.2	24	1.7	2.4	22.2	< 1	4.4	10	1.3	8.3		
884498 Dup	511	21	< 2	23	17	< 2	< 0.5	< 0.2	50	< 0.5	23.1	25	1.7	2.4	20.7	< 1	4.3	18	1.3	8.4		
884500 Orig																						
884500 Dup																						
880509 Orig	615	40	< 2	26	23	< 2	< 0.5	< 0.2	44	< 0.5	43.6	28	1.7	3.0	22.6	< 1	5.3	14	1.7	12.9		
880509 Dup	622	40	< 2	26	24	< 2	< 0.5	< 0.2	44	< 0.5	44.2	26	1.3	3.0	26.6	< 1	4.9	12	1.9	12.6		
880510 Orig																						
880510 Dup																						
880520 Orig																						
880520 Dup																						
880524 Orig	449	27	2	23	24	< 2	< 0.5	< 0.2	55	< 0.5	19.2	11	3.1	2.1	15.7	2	2.6	14	1.4	12.8		
880524 Dup	441	27	< 2	23	23	< 2	< 0.5	< 0.2	55	< 0.5	19.0	11	2.9	2.2	14.7	2	2.6	14	1.5	12.9		
880525 Orig	435	26	< 2	52	22	< 2	< 0.5	< 0.2	46	< 0.5	21.5	7	< 0.4	4.8	24.7	2	2.8	15	2.0	21.3		
880525 Split	448	26	< 2	53	23	< 2	< 0.5	< 0.2	48	< 0.5	22.5	8	< 0.4	4.8	26.8	< 1	2.7	15	2.2	22.0		
880530 Orig																						
880530 Dup																						
880533 Orig																						2.71
880533 Dup																						2.69
880540 Orig																						
880540 Dup																						
880541 Orig	378	29	< 2	28	18	< 2	< 0.5	< 0.2	50	< 0.5	20.9	25	3.0	2.3	13.3	1	2.4	14	1.1	11.3		
880541 Dup	368	29	2	27	18	< 2	< 0.5	< 0.2	49	< 0.5	20.2	24	2.6	2.2	13.0	1	2.1	13	1.1	11.5		
880545 Orig	340	35	< 2	27	16	< 2	< 0.5	< 0.2	41	< 0.5	15.4	24	1.7	2.4	10.4	1	2.0	11	1.5	12.4		
880545 Split	330	36	2	28	16	< 2	< 0.5	< 0.2	41	< 0.5	15.3	26	1.2	2.6	10.0	< 1	1.9	10	1.6	12.3		
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						
Method Blank																						1.00



Date Submitted: 06-Dec-11
Invoice No.: A11-14603
Invoice Date: 30-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

2 Pulp samples and 22 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14603**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14603

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
880583	0.09	66.44	15.70	5.78	0.071	2.74	2.52	3.20	2.55	0.590	0.16	1.23	101.0	18	4	127	160	27	100	70	90	19	1	< 5
880584	0.26	74.32	15.33	0.87	0.105	0.06	0.47	4.08	3.30	0.003	0.45	0.87	99.86	< 1	120	< 5	< 20	< 1	< 20	< 10	50	32	3	< 5
880585	0.30	73.75	15.15	0.82	0.086	0.04	0.41	4.35	3.12	0.001	0.38	0.64	98.76	< 1	116	< 5	< 20	< 1	< 20	< 10	< 30	29	4	< 5
880586	0.33	73.44	15.59	0.91	0.093	0.06	0.46	4.62	2.34	0.001	0.40	0.72	98.65	< 1	142	< 5	< 20	< 1	< 20	< 10	30	31	3	< 5
880587	0.11	60.79	17.29	6.84	0.107	3.06	2.94	3.26	2.85	0.638	0.19	1.47	99.44	18	3	132	190	27	90	70	130	21	1	< 5
880588	0.10	64.05	16.08	6.50	0.126	3.14	2.57	3.21	2.85	0.681	0.17	1.42	100.8	21	2	146	200	28	100	60	120	18	1	< 5
880589	0.21	72.86	16.31	0.83	0.121	0.06	0.62	4.05	4.82	0.003	0.46	0.79	100.9	< 1	107	5	< 20	< 1	< 20	30	40	29	3	< 5
880590	< 0.01	99.49	0.39	0.81	0.009	0.03	0.05	0.03	0.06	0.033	< 0.01	0.06	101.0	< 1	< 1	6	< 20	< 1	< 20	10	< 30	< 1	< 1	< 5
880591	0.98	75.26	16.80	1.02	0.155	0.03	0.21	2.93	2.60	0.001	0.34	0.50	99.85	< 1	173	< 5	< 20	< 1	< 20	< 10	40	36	3	< 5
880592	0.12	73.99	15.71	0.72	0.105	0.03	0.42	5.59	1.73	0.001	0.45	0.89	99.63	< 1	150	< 5	< 20	< 1	< 20	10	30	35	4	< 5
880593	0.01	72.14	17.49	0.61	0.045	0.03	0.39	6.14	2.25	0.002	0.32	1.01	100.4	< 1	102	5	< 20	< 1	< 20	< 10	< 30	37	3	< 5
880594	< 0.01	73.31	16.39	0.58	0.082	0.02	0.33	6.54	1.94	0.001	0.27	0.75	100.2	< 1	130	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
880595	0.05	61.83	15.22	7.44	0.182	3.46	5.10	2.32	2.23	0.623	0.18	1.33	99.91	19	7	133	470	31	130	70	90	18	3	< 5
880596	0.09	56.30	13.10	7.22	0.126	9.89	4.92	1.23	2.94	0.598	0.34	2.69	99.36	18	12	140	800	33	250	< 10	80	18	2	< 5
880597	< 0.01	74.17	14.79	0.84	0.137	0.05	0.41	4.29	2.84	0.003	0.33	1.11	98.98	< 1	16	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5
880598	< 0.01	73.73	14.45	0.84	0.107	0.04	0.42	4.84	2.30	0.001	0.34	1.03	98.12	< 1	56	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5
880599	0.37	73.25	15.30	0.84	0.074	0.04	0.46	4.06	2.84	0.001	0.43	0.71	97.99	< 1	139	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
880600	0.71	73.17	15.25	3.23	0.095	0.06	0.28	3.25	2.39	0.003	0.14	0.09	97.96	< 1	150	< 5	30	2	20	50	80	39	4	< 5
880601	0.36	74.85	15.77	0.94	0.075	0.07	0.36	4.17	3.13	0.001	0.35	0.72	100.4	< 1	154	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
880602	< 0.01	73.67	15.70	0.68	0.067	0.03	0.87	5.68	2.69	< 0.001	0.71	0.82	100.9	< 1	110	< 5	< 20	< 1	< 20	< 10	< 30	33	3	< 5
880603	< 0.01	74.20	15.94	0.78	0.047	0.04	0.55	6.43	1.44	< 0.001	0.44	0.88	100.7	< 1	38	5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
880604	< 0.01	73.89	15.31	0.75	0.087	0.04	0.37	6.21	1.31	0.002	0.25	0.80	99.02	< 1	151	< 5	< 20	< 1	< 20	< 10	< 30	32	3	< 5
880605	0.07	68.10	13.56	3.66	0.162	3.90	1.27	3.19	3.11	0.287	0.41	1.69	99.33	7	26	55	240	14	100	< 10	70	26	3	< 5
880606	0.06	67.49	13.34	3.62	0.151	3.90	1.40	3.05	2.98	0.285	0.39	1.75	98.37	7	45	57	250	14	100	< 10	60	25	3	< 5

Activation Laboratories Ltd. Report: A11-14603

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
880583	202	429	13	112	7	4	0.8	< 0.2	5	< 0.5	81.7	534	0.6	2.7	0.8	8	1.8	18	7.1	2.3		
880584	994	33	2	14	24	< 2	< 0.5	< 0.2	63	< 0.5	84.3	34	4.4	1.6	24.1	< 1	8.7	18	1.2	9.0		
880585	932	32	< 2	12	25	< 2	< 0.5	< 0.2	52	< 0.5	70.0	31	9.0	1.7	29.8	< 1	9.0	16	1.1	7.1	2.67	
880586	687	34	< 2	12	25	< 2	< 0.5	< 0.2	57	< 0.5	56.1	48	4.3	1.5	24.7	< 1	5.8	13	0.9	7.1		
880587	155	445	14	146	8	10	0.9	< 0.2	6	< 0.5	38.6	775	< 0.4	3.6	0.7	< 1	1.7	19	10.9	3.3		
880588	187	327	14	116	7	3	0.8	< 0.2	3	< 0.5	103	762	< 0.4	2.7	0.5	2	1.8	22	6.8	2.2		
880589	1190	38	< 2	16	22	< 2	< 0.5	< 0.2	44	< 0.5	54.7	49	2.0	2.0	24.8	1	10.3	15	1.2	8.7	2.67	
880590	< 2	5	< 2	52	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	24	< 0.4	1.2	< 0.1	< 1	0.5	< 5	0.6	0.2		
880591	903	23	< 2	22	31	< 2	< 0.5	< 0.2	67	< 0.5	58.1	12	3.9	3.1	35.1	< 1	8.3	17	1.9	8.5		
880592	568	30	< 2	27	25	< 2	< 0.5	< 0.2	64	< 0.5	44.8	10	3.3	3.4	28.2	3	4.4	14	1.9	13.8		
880593	604	29	< 2	22	61	< 2	< 0.5	< 0.2	78	< 0.5	43.4	11	1.2	2.8	67.9	1	4.1	11	1.6	10.0		
880594	550	21	< 2	18	18	< 2	< 0.5	< 0.2	51	< 0.5	39.7	11	2.8	2.0	16.1	< 1	4.3	14	1.1	10.8		
880595	160	340	13	151	6	< 2	0.9	< 0.2	9	< 0.5	85.8	704	1.0	3.5	0.7	< 1	1.6	21	7.4	2.5		
880596	194	207	12	112	7	< 2	0.6	< 0.2	12	< 0.5	161	755	0.7	2.6	1.2	< 1	1.9	11	6.2	2.7		
880597	687	26	< 2	21	23	< 2	< 0.5	< 0.2	64	< 0.5	30.0	11	0.7	1.9	12.0	2	4.7	11	1.4	7.0		
880598	617	22	< 2	26	23	< 2	< 0.5	< 0.2	60	< 0.5	27.3	3	0.5	2.5	10.6	2	4.4	7	1.5	5.2		
880599	844	29	< 2	12	26	2	< 0.5	< 0.2	61	< 0.5	55.6	6	2.2	1.6	25.4	< 1	7.4	12	0.9	5.9	2.71	
880600	639	43	< 2	15	45	22	< 0.5	< 0.2	86	< 0.5	43.6	102	0.5	1.7	30.0	1	4.6	15	2.0	5.4		
880601	840	29	< 2	16	30	< 2	< 0.5	< 0.2	61	< 0.5	59.2	16	1.8	2.1	32.2	< 1	7.1	14	1.2	8.2		
880602	712	41	< 2	24	26	< 2	< 0.5	< 0.2	55	< 0.5	34.6	4	0.6	2.7	26.3	< 1	5.6	8	1.8	2.7		
880603	437	38	2	28	24	< 2	< 0.5	< 0.2	57	< 0.5	21.9	5	1.0	3.1	21.3	< 1	3.0	11	1.8	21.3		
880604	366	20	< 2	31	19	< 2	< 0.5	< 0.2	49	< 0.5	23.6	5	< 0.4	2.9	12.4	1	2.3	< 5	1.4	2.5		
880605	972	73	7	62	17	< 2	< 0.5	< 0.2	67	< 0.5	214	295	1.7	2.2	12.2	< 1	9.3	11	3.6	6.3		
880606	913	71	7	61	19	< 2	< 0.5	< 0.2	63	< 0.5	201	290	2.7	2.2	14.9	< 1	8.9	10	3.5	5.2		

Activation Laboratories Ltd. Report: A11-14603

Quality Control																									
Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5	
Analysis Method	FUS-Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas		11.51	1.92	0.73	0.014	0.35	43.26	0.87	0.56	0.119	30.23					1673									
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas		47.02	18.76	9.89	0.147	10.08	11.33	1.92	0.23	0.476	0.07			31	155	270	58	250	100	60					
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas		72.80	12.94	3.23	0.141	0.14	0.59	2.47	5.43	0.283	0.03			5	4	7									
GBW 07113 Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00									
LKSD-3 Meas																	80	30	50	30				25	
LKSD-3 Cert																	87.0	30.0	47.0	35.0				27.0	
TDB-1 Meas																	230	90	340	160					
TDB-1 Cert																	251		92	323	155				
W-2a Meas		52.58	15.34	10.82	0.166	6.33	10.99	2.20	0.62	1.065	0.12			35	< 1	277	80	45	60	110	80	18	2	< 5	
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	1.20	
DTS-2b Meas																	15000		3630						
DTS-2b Cert																	15500		3780						
SY-4 Meas		49.63	20.17	6.14	0.107	0.51	8.06	6.91	1.67	0.287	0.12			1	3	8									
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																			< 1	60	30				
CTA-AC-1 Cert																			2.72	54.0	38.0				
BIR-1a Meas		47.96	15.76	11.36	0.171	9.60	13.39	1.83	0.02	0.956	0.02			44	< 1	336	380	55	170	130	70	16		< 5	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		0.44	
ZW-C Meas																					1040	97			
ZW-C Cert																					1050	99			
NCS DC70014 Meas																			25	70	2620	7400	25		
NCS DC70014 Cert																			26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																	30	3	< 20	920	110	16	11	72	
NCS DC70009 (GBW07241) Cert																	30	3.7	2.8	960.000	100.000	16.5	11.2	69.9	
OREAS 100a (Fusion) Meas																			16		170				
OREAS 100a (Fusion) Cert																			18.1		169				
OREAS 101a (Fusion) Meas																			46		420				
OREAS 101a (Fusion) Cert																			48.8		434				
OREAS 101b (Fusion) Meas																			46	< 20	430				
OREAS 101b (Fusion) Cert																			47	9	416				
JR-1 Meas																	< 20	< 1	< 20	< 10	< 30	16	2	12	
JR-1 Cert																	2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3	
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas	0.22																								
NCS DC86303 Cert	0.21																								
NCS DC86314 Meas	1.77																								
NCS DC86314 Cert	1.81																								
880592 Orig	0.12																								
880592 Dup	0.12																								
880597 Orig		73.77	14.54	0.84	0.135	0.05	0.42	4.23	2.82	0.003	0.32	1.11	98.23	< 1	15	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5	
880597 Dup		74.57	15.05	0.84	0.138	0.05	0.41	4.34	2.87	0.002	0.34	1.11	99.72	< 1	16	< 5	< 20	< 1	< 20	< 10	< 30	35	3	< 5	
880606 Orig	0.06	67.49	13.34	3.62	0.151	3.90	1.40	3.05	2.98	0.285	0.39	1.75	98.37	7	45	57	250	14	100	< 10	60	25	3	< 5	
880606 Split	0.06	68.73	13.58	3.68	0.152	3.97	1.41	3.12	3.07	0.288	0.41	0.86	99.27	7	46	56	250	14	100	< 10	70	25	3	< 5	
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	
Method Blank																									
Method Blank	< 0.01																								

Activation Laboratories Ltd. Report: A11-14603

Quality Control																						
Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV	
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas		144	16	35						0.9		105										
DNC-1 Cert		144.0	18.0	38						0.96		118										
GBW 07113 Meas		42	47	388								504										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	74					< 2	1.8		2	1.1	2.3				0.7	2					4.5	
LKSD-3 Cert	78.0					2.00	2.70		3.00	1.30	2.30				0.700	2.00					4.60	
TDB-1 Meas																					2.7	
TDB-1 Cert																					2.7	
W-2a Meas	20	196	19	88	8	< 2	< 0.5			0.7	0.9	173	< 0.4	2.4	0.5	< 1		9	2.4	0.5		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300		9.30	2.40	0.530		
DTS-2b Meas																						
DTS-2b Cert																						
SY-4 Meas		1198	116	538								345										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas															2.9				23.7	4.3		
CTA-AC-1 Cert															2.65				21.8	4.4		
BIR-1a Meas		108	14	16	< 1					0.9		8		0.6				< 5				
BIR-1a Cert		110	16	18	0.6					0.58		6		0.60				3				
ZW-C Meas	8440															84.6						
ZW-C Cert	8500															82						
NCS DC70014 Meas						270	16.8				180		80.3					27200				
NCS DC70014 Cert						270	16.7				180.000		80.3					27200.00				
NCS DC70009 (GBW07241) Meas	504						3.0	1.3	1700	3.5	44.3					2200			30.3			
NCS DC70009 (GBW07241) Cert	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3			
OREAS 100a (Fusion) Meas						22													48.4	131		
OREAS 100a (Fusion) Cert						24.1													51.6	135		
OREAS 101a (Fusion) Meas						20													35.6	423		
OREAS 101a (Fusion) Cert						21.9													36.6	422		
OREAS 101b (Fusion) Meas						20													38.8	418		
OREAS 101b (Fusion) Cert						20.9													37.1	396		
JR-1 Meas	248				14	3	< 0.5	< 0.2	3	1.4	20.8		0.6	4.2	1.9	2	1.5	20	27.6	9.2		
JR-1 Cert	257				15.2	3.25	0.031	0.028	2.86	1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88		
SARM 3 Meas					979																	
SARM 3 Cert					978																	
NCS DC86303 Meas																						
NCS DC86303 Cert																						
NCS DC86314 Meas																						
NCS DC86314 Cert																						
880592 Orig																						
880592 Dup																						
880597 Orig	685	26	< 2	21	23	< 2	< 0.5	< 0.2	64	< 0.5	29.8	11	0.7	1.9	11.7	2	4.6	11	1.3	7.1		
880597 Dup	688	27	< 2	21	23	< 2	< 0.5	< 0.2	64	< 0.5	30.2	11	0.8	2.0	12.3	2	4.8	11	1.4	7.0		
880606 Orig	913	71	7	61	19	< 2	< 0.5	< 0.2	63	< 0.5	201	290	2.7	2.2	14.9	< 1	8.9	10	3.5	5.2		
880606 Split	907	73	7	63	18	< 2	< 0.5	< 0.2	62	< 0.5	199	297	2.8	2.3	15.5	< 1	8.6	10	3.8	5.0		
Method Blank	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1		
Method Blank																						1.00
Method Blank																						



Date Submitted: 09-Dec-11
Invoice No.: A11-14759
Invoice Date: 30-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 13 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14759**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14759

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884771	0.07	63.92	15.58	6.35	0.134	3.26	2.70	2.49	2.61	0.642	0.18	2.08	99.94	19	3	134	180	27	80	40	80	20	1	< 5
884772	0.05	73.55	16.47	0.55	0.025	0.03	0.30	6.69	2.33	0.002	0.22	0.56	100.7	< 1	119	< 5	< 20	< 1	< 20	< 10	< 30	32	4	< 5
884773	0.21	72.97	17.12	0.80	0.074	0.07	0.29	5.13	2.77	0.001	0.30	0.84	100.3	< 1	108	5	< 20	< 1	< 20	< 10	50	37	4	< 5
884774	0.42	74.67	15.90	0.88	0.097	0.03	0.21	4.04	3.33	0.002	0.21	0.70	100.1	< 1	115	6	< 20	< 1	< 20	< 10	40	35	3	< 5
884775	0.53	73.83	16.11	1.03	0.078	0.05	0.20	3.51	3.99	0.008	0.17	0.65	99.63	< 1	171	< 5	< 20	< 1	< 20	20	70	38	4	< 5
884776	0.81	76.11	16.30	1.00	0.095	0.03	0.22	3.13	2.64	0.001	0.26	0.59	100.4	< 1	194	< 5	< 20	< 1	< 20	< 10	80	42	4	< 5
884777	0.14	63.80	14.51	6.56	0.111	3.16	2.48	2.48	2.65	0.578	0.15	1.25	97.73	17	4	122	290	25	70	40	100	17	1	< 5
884778	0.32	74.51	16.16	0.68	0.048	0.03	0.17	4.63	3.46	0.003	0.18	0.51	100.4	< 1	189	< 5	< 20	< 1	< 20	< 10	50	33	4	< 5
884779	0.38	73.96	15.96	0.73	0.069	0.02	0.23	4.59	3.08	0.002	0.28	0.57	99.49	< 1	191	< 5	< 20	< 1	< 20	10	60	36	4	< 5
884780	0.68	74.10	15.70	3.23	0.094	0.07	0.27	3.35	2.44	0.004	0.15	0.05	99.46	< 1	156	< 5	20	1	< 20	50	100	40	4	< 5
884781	0.52	74.08	15.77	1.00	0.102	0.03	0.32	3.71	2.85	0.002	0.33	0.61	98.81	< 1	107	< 5	< 20	< 1	< 20	< 10	50	36	4	< 5
884782	0.40	73.85	15.78	1.01	0.098	0.04	0.25	3.75	3.29	0.001	0.30	0.69	99.05	< 1	115	< 5	< 20	< 1	< 20	< 10	80	36	4	< 5
884783	0.25	75.71	15.74	0.81	0.067	0.04	0.26	5.36	1.84	0.001	0.19	0.67	100.7	< 1	165	< 5	< 20	< 1	< 20	< 10	40	41	4	< 5
884784	0.06	64.53	14.24	7.08	0.191	4.11	2.78	2.52	1.92	0.633	0.15	2.25	100.4	19	4	138	230	23	70	60	110	18	1	< 5

Activation Laboratories Ltd. Report: A11-14759

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884771	142	323	10	114	7	< 2	< 0.5	< 0.2	5	< 0.5	11.4	781	0.4	2.8	0.5	1	0.8	12	6.9	2.8		
884772	689	22	< 2	13	26	< 2	< 0.5	< 0.2	61	< 0.5	41.4	33	0.8	1.6	24.6	1	4.6	7	0.8	2.3	2.62	
884773	843	27	< 2	14	28	< 2	< 0.5	< 0.2	98	< 0.5	65.8	50	3.4	1.6	28.8	1	5.6	10	1.3	4.2		
884774	978	24	< 2	18	24	< 2	< 0.5	< 0.2	74	< 0.5	69.9	22	1.4	1.6	21.2	1	6.8	15	1.1	4.6		
884775	1240	26	< 2	18	35	< 2	< 0.5	< 0.2	69	< 0.5	87.1	24	0.7	1.7	33.8	1	9.0	14	0.9	3.8		
884776	917	23	< 2	19	42	< 2	< 0.5	< 0.2	97	< 0.5	77.0	19	2.1	1.8	34.3	1	6.8	15	1.1	6.4		
884777	674	267	8	146	6	< 2	< 0.5	< 0.2	22	< 0.5	251	489	< 0.4	3.5	0.5	< 1	5.9	10	7.1	2.3		
884778	988	32	< 2	17	37	< 2	< 0.5	< 0.2	66	< 0.5	60.4	31	0.4	1.5	20.8	< 1	5.9	12	0.8	8.5		
884779	1180	27	< 2	15	42	< 2	< 0.5	< 0.2	75	< 0.5	90.1	13	1.0	1.5	37.7	< 1	8.6	14	1.1	8.1		
884780	642	43	< 2	19	51	21	< 0.5	< 0.2	90	< 0.5	45.4	103	0.6	1.9	33.5	2	4.1	14	1.8	4.6		
884781	928	24	3	22	23	< 2	< 0.5	< 0.2	76	< 0.5	125	20	2.3	2.0	14.9	< 1	6.4	14	1.1	5.5		
884782	1010	29	3	18	28	< 2	< 0.5	< 0.2	84	< 0.5	93.3	87	5.1	1.8	23.1	1	7.2	17	1.1	5.0		
884783	547	23	< 2	19	34	< 2	< 0.5	< 0.2	98	< 0.5	38.0	38	3.4	1.7	27.6	2	3.5	12	1.4	4.8	2.75	
884784	145	272	12	125	6	< 2	< 0.5	< 0.2	9	< 0.5	31.9	513	0.7	3.0	0.5	6	1.0	12	7.4	2.0		

Activation Laboratories Ltd. Report: A11-14759

Quality Control																													
Analyte Symbol	SiO2	Li	Spec Grav	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge					
Unit Symbol	%	%	-	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1						1
Analysis Method	FUS-ICP	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas	11.09			1.95	0.75	0.013	0.35	44.18	0.89	0.56	0.121	30.20					1679												
NIST 694 Cert	11.2			1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740												
DNC-1 Meas	46.91			18.94	9.58	0.146	9.97	11.17	1.88	0.22	0.480	0.07			31		155	270	59	250	110	60							
DNC-1 Cert	47.15			18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0							
GBW 07113 Meas	73.10			12.94	3.22	0.141	0.13	0.58	2.42	5.37	0.283	0.04			5		4	6											
GBW 07113 Cert	72.8			13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00		4.00	5.00											
LKSD-3 Meas																		80	31	50	30								
LKSD-3 Cert																		87.0	30.0	47.0	35.0								
TDB-1 Meas																		240		< 20	330	160							
TDB-1 Cert																		251		92	323	155							
W-2a Meas	52.44			15.17	10.44	0.165	6.13	10.77	2.16	0.62	1.082	0.13			35	< 1	276	90	40		110	80	17					2	
W-2a Cert	52.4			15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0		110	80.0	17.0					1.00	
SY-4 Meas	49.85			20.77	5.97	0.106	0.50	7.79	7.10	1.67	0.287	0.13			1	3	9												
SY-4 Cert	49.9			20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0												
CTA-AC-1 Meas																				< 1		60	30						
CTA-AC-1 Cert																				2.72		54.0	38.0						
BIR-1a Meas	47.95			15.58	11.09	0.173	9.54	13.33	1.77	0.02	0.979	0.02			44	< 1	337	370	53	180		80	16						
BIR-1a Cert	47.96			15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170		70	16						
NCS DC86312 Meas																													
NCS DC86312 Cert																													
ZW-C Meas		1.07																					1010	94					
ZW-C Cert		1.13																					1050	99					
NCS DC70014 Meas																					26	60	2610	7400	25				
NCS DC70014 Cert																					26.2	70.9	2600.00	7400.00	25.2				
NCS DC70009 (GBW07241) Meas																			30	3	< 20	950	110	16				11	
NCS DC70009 (GBW07241) Cert																			30	3.7	2.8	960.000	100.000	16.5				11.2	
OREAS 100a (Fusion) Meas																				16		170							
OREAS 100a (Fusion) Cert																				18.1		169							
OREAS 101a (Fusion) Meas																				47		420							
OREAS 101a (Fusion) Cert																				48.8		434							
OREAS 101b (Fusion) Meas																					< 20	430							
OREAS 101b (Fusion) Cert																					9	416							
JR-1 Meas																			< 20	< 1	< 20	< 10	< 30	17			2		
JR-1 Cert																			2.83	0.83	1.67	2.68	30.6	16.1			1.88		
SARM 3 Meas																													
SARM 3 Cert																													
NCS DC86303 Meas		0.21																											
NCS DC86303 Cert		0.21																											
NCS DC86304 Meas		1.04																											
NCS DC86304 Cert		1.06																											
NCS DC86314 Meas		1.69																											
NCS DC86314 Cert		1.81																											
884780 Orig		0.68																											
884780 Dup		0.68																											
884784 Orig	64.53	0.06		14.24	7.08	0.191	4.11	2.78	2.52	1.92	0.633	0.15	2.25	100.4	19	4	138	230	23	70	60	110	18					1	
884784 Split	63.77	0.06		14.71	7.06	0.187	4.10	2.69	2.58	1.94	0.625	0.17	2.20	100.0	18	4	132	220	23	60	50	120	19					2	
Method Blank																			< 20	< 1	< 20	< 10	< 30	< 1				< 1	
Method Blank			1.00																										
Method Blank		< 0.01																											
Method Blank		< 0.01																											

Activation Laboratories Ltd. Report: A11-14759

Quality Control																					
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas			143	15	34						0.5		104								
DNC-1 Cert			144.0	18.0	38						0.96		118								
GBW 07113 Meas			41	45	398								501								
GBW 07113 Cert			43.0	43.0	403								506								
LKSD-3 Meas	24	73						< 2	1.4	2	0.6	2.3				0.8	2				4.6
LKSD-3 Cert	27.0	78.0						2.00	2.70	3.00	1.30	2.30				0.700	2.00				4.60
TDB-1 Meas		21																			2.7
TDB-1 Cert		23																			2.7
W-2a Meas	< 5	19	194	20	87			< 2	< 0.5		1.3	1.0	170	< 0.4	2.5	0.5		< 0.1	9	2.3	0.5
W-2a Cert	1.20	21.0	190	24.0	94.0			0.600	0.0460		0.790	0.990	182	0.0300	2.60	0.500		0.200	9.30	2.40	0.530
SY-4 Meas			1200	113	542								344								
SY-4 Cert			1191	119	517								340								
CTA-AC-1 Meas															1.2	2.8					4.4
CTA-AC-1 Cert															1.13	2.65					4.4
BIR-1a Meas	< 5		109	14	15	< 1					0.7		7						< 5		
BIR-1a Cert	0.44		110	16	18	0.6					0.58		6						3		
NCS DC86312 Meas																					25.5
NCS DC86312 Cert																					23.6
ZW-C Meas		8060														83.7					
ZW-C Cert		8500														82					
NCS DC70014 Meas							271	16.8			180			80.3					27200		
NCS DC70014 Cert							270	16.7			180.000			80.3					27200.00		
NCS DC70009 (GBW07241) Meas	73	504						2.8	1.3	1700	3.7	44.8					2200			30.8	
NCS DC70009 (GBW07241) Cert	69.9	500.00						1.8	1.3	1701.000	3.1	41					2200.00			28.3	
OREAS 100a (Fusion) Meas							23													48.3	132
OREAS 100a (Fusion) Cert							24.1													51.6	135
OREAS 101a (Fusion) Meas							21													37.0	423
OREAS 101a (Fusion) Cert							21.9													36.6	422
OREAS 101b (Fusion) Meas							20													38.6	406
OREAS 101b (Fusion) Cert							20.9													37.1	396
JR-1 Meas	11	244				14	< 2	< 0.5	< 0.2	3		20.9		0.6		1.9	2	1.5	21	27.5	9.4
JR-1 Cert	16.3	257				15.2	3.25	0.031	0.028	2.86		20.8		0.56		1.86	1.59	1.56	19.3	26.7	8.88
SARM 3 Meas							978														
SARM 3 Cert							978														
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884780 Orig																					
884780 Dup																					
884784 Orig	< 5	145	272	12	125	6	< 2	< 0.5	< 0.2	9	< 0.5	31.9	513	0.7	3.0	0.5	6	1.0	12	7.4	2.0
884784 Split	< 5	142	273	11	124	6	< 2	< 0.5	< 0.2	9	< 0.5	31.6	508	0.7	2.9	0.5	5	0.8	11	6.9	1.9
Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank																					
Method Blank																					
Method Blank																					



Date Submitted: 14-Dec-11
Invoice No.: A11-14927
Invoice Date: 30-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14927**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14927

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884951	0.02	65.71	14.71	6.68	0.109	2.67	2.75	2.95	2.39	0.559	0.13	1.64	100.3	13	3	111	120	17	50	50	80	17	1	< 5
884952	0.02	74.05	15.04	1.08	0.211	0.07	0.53	5.95	1.45	0.011	0.59	0.83	99.82	< 1	55	7	< 20	< 1	< 20	< 10	50	32	3	< 5
884953	0.01	72.63	15.18	0.79	0.132	0.03	0.39	6.39	1.30	0.002	0.43	0.80	98.08	< 1	65	< 5	< 20	< 1	< 20	< 10	40	33	4	< 5
884954	< 0.01	72.76	15.44	0.72	0.119	0.03	0.31	6.64	1.29	0.002	0.29	0.72	98.33	< 1	73	6	< 20	< 1	< 20	< 10	< 30	31	4	< 5

Activation Laboratories Ltd. Report: A11-14927

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884951	163	307	11	117	6	< 2	0.8	< 0.2	7	< 0.5	30.9	592	< 0.4	2.8	0.6	1	1.3	12	7.3	2.2		
884952	360	36	< 2	22	22	< 2	< 0.5	< 0.2	74	< 0.5	27.3	29	2.5	1.8	29.2	2	2.2	10	1.1	5.6		
884953	332	21	< 2	19	25	< 2	< 0.5	< 0.2	69	< 0.5	24.4	20	3.2	2.0	39.7	1	2.2	12	1.0	5.2	2.72	
884954	314	19	< 2	19	24	< 2	< 0.5	< 0.2	67	< 0.5	24.0	23	3.1	2.0	37.1	1	1.9	11	1.1	3.6		

Activation Laboratories Ltd. Report: A11-14927

Quality Control																										
Analyte Symbol	SiO2	Li	Spec Grav	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge		
Unit Symbol	%	%	-	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1		
Analysis Method	FUS-ICP	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS		
NIST 694 Meas	11.68			1.89	0.74	0.013	0.35	43.27	0.88	0.56	0.119	30.26					1661									
NIST 694 Cert	11.2			1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740									
DNC-1 Meas	46.75			17.95	10.00	0.146	10.19	11.28	1.91	0.23	0.469	0.06			31		156	260	58	250	100	60				
DNC-1 Cert	47.15			18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0				
GBW 07113 Meas	71.99			12.66	3.27	0.143	0.14	0.59	2.43	5.40	0.281	0.03			5		4									
GBW 07113 Cert	72.8			13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00		4.00									
LKSD-3 Meas																			70	31	50	30				
LKSD-3 Cert																			87.0	30.0	47.0	35.0				
TDB-1 Meas																			230		90	340	170			
TDB-1 Cert																			251		92	323	155			
W-2a Meas	52.39			15.26	11.05	0.165	6.25	10.79	2.24	0.63	1.075	0.12			35	< 1	276	80	45	60	110	80	18	2		
W-2a Cert	52.4			15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00		
SY-4 Meas	49.69			20.11	6.09	0.106	0.50	7.91	7.00	1.69	0.281	0.13			1	3	9									
SY-4 Cert	49.9			20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0									
CTA-AC-1 Meas																				< 1		60	< 30			
CTA-AC-1 Cert																				2.72		54.0	38.0			
BIR-1a Meas	48.06			15.56	11.68	0.172	9.60	13.48	1.81	0.02	0.965	0.02			44	< 1	338	360	54	160	130	70	15			
BIR-1a Cert	47.96			15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16			
ZW-C Meas		1.07																				1070	97			
ZW-C Cert		1.13																				1050	99			
NCS DC70014 Meas																				26	70	2610	7390	25		
NCS DC70014 Cert																				26.2	70.9	2600.00	7400.00	25.2		
NCS DC70009 (GBW07241) Meas																			30	3	< 20	940	100	17	11	
NCS DC70009 (GBW07241) Cert																			30	3.7	2.8	960.000	100.000	16.5	11.2	
OREAS 100a (Fusion) Meas																					16		170			
OREAS 100a (Fusion) Cert																					18.1		169			
OREAS 101a (Fusion) Meas																					47		430			
OREAS 101a (Fusion) Cert																					48.8		434			
OREAS 101b (Fusion) Meas																					47	< 20	430			
OREAS 101b (Fusion) Cert																					47	9	416			
JR-1 Meas																			< 20	< 1	< 20	< 10	< 30	17	2	
JR-1 Cert																			2.83	0.83	1.67	2.68	30.6	16.1	1.88	
SARM 3 Meas																										
SARM 3 Cert																										
NCS DC86303 Meas		0.21																								
NCS DC86303 Cert		0.21																								
NCS DC86304 Meas		1.04																								
NCS DC86304 Cert		1.06																								
NCS DC86314 Meas		1.69																								
NCS DC86314 Cert		1.81																								
884954 Orig	72.76	< 0.01		15.44	0.72	0.119	0.03	0.31	6.64	1.29	0.002	0.29	0.72	98.33	< 1	73	6	< 20	< 1	< 20	< 10	< 30	31	4		
884954 Split	73.64	< 0.01		15.44	0.74	0.118	0.03	0.30	6.43	1.28	0.002	0.28	0.72	98.98	< 1	72	< 5	< 20	< 1	< 20	< 10	< 30	33	4		
884954 Split		< 0.01																								
Method Blank																			< 20	< 1	< 20	< 10	< 30	< 1	< 1	
Method Blank			1.00																							
Method Blank		< 0.01																								
Method Blank		< 0.01																								

Activation Laboratories Ltd. Report: A11-14927

Quality Control																					
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas			143	15	34						0.8		105								
DNC-1 Cert			144.0	18.0	38						0.96		118								
GBW 07113 Meas			41	43	386								503								
GBW 07113 Cert			43.0	43.0	403								506								
LKSD-3 Meas	24	72						< 2	1.7	2	1.2	2.4									4.7
LKSD-3 Cert	27.0	78.0						2.00	2.70	3.00	1.30	2.30									4.60
TDB-1 Meas																					2.7
TDB-1 Cert																					2.7
W-2a Meas	< 5	19	197	19	84	8	< 2	< 0.5			0.9	0.9	174	< 0.4	2.5	0.5	< 1	< 0.1	7	2.4	0.5
W-2a Cert	1.20	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530
SY-4 Meas			1202	113	546								346								
SY-4 Cert			1191	119	517								340								
CTA-AC-1 Meas																2.6					4.5
CTA-AC-1 Cert																2.65					4.4
BIR-1a Meas	< 5		107	13	14	< 1					0.6		7		0.5				< 5		
BIR-1a Cert	0.44		110	16	18	0.6					0.58		6		0.60				3		
ZW-C Meas																83.7					
ZW-C Cert																82					
NCS DC70014 Meas							270	16.3				179		80.2						27200	
NCS DC70014 Cert							270	16.7				180.000		80.3						27200.00	
NCS DC70009 (GBW07241) Meas	70	506						2.5	1.3	1700			44.4				2200				
NCS DC70009 (GBW07241) Cert	69.9	500.00						1.8	1.3	1701.000			41				2200.00				
OREAS 100a (Fusion) Meas																				48.9	134
OREAS 100a (Fusion) Cert																				51.6	135
OREAS 101a (Fusion) Meas							20													36.0	422
OREAS 101a (Fusion) Cert							21.9													36.6	422
OREAS 101b (Fusion) Meas							20													38.4	412
OREAS 101b (Fusion) Cert							20.9													37.1	396
JR-1 Meas	13	249				15	3	1.7	< 0.2		1.4	20.8		0.6	4.3	1.8	2	1.5	21	28.3	9.7
JR-1 Cert	16.3	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88
SARM 3 Meas						979															
SARM 3 Cert						978															
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884954 Orig	< 5	314	19	< 2	19	24	< 2	< 0.5	< 0.2	67	< 0.5	24.0	23	3.1	2.0	37.1	1	1.9	11	1.1	3.6
884954 Split	< 5	331	18	< 2	17	26	< 2	< 0.5	< 0.2	69	< 0.5	24.6	20	3.8	1.9	40.5	1	2.1	12	1.1	3.4
884954 Split																					
Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank																					
Method Blank																					
Method Blank																					

Quality Analysis ...



Innovative Technologies

Date Submitted: 14-Dec-11
Invoice No.: A11-14929
Invoice Date: 30-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 6 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14929**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14929

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884964	0.63	75.47	15.28	1.02	0.092	0.04	0.26	3.92	2.06	0.001	0.27	0.57	98.99	< 1	187	< 5	< 20	< 1	< 20	< 10	70	36	4	< 5
884965	0.72	75.52	16.02	1.01	0.083	0.03	0.21	3.81	2.36	< 0.001	0.19	0.45	99.67	< 1	168	< 5	< 20	< 1	< 20	10	80	36	4	< 5
884966	0.68	74.99	15.66	0.91	0.078	0.03	0.19	3.57	3.10	< 0.001	0.18	0.39	99.09	< 1	153	< 5	< 20	< 1	< 20	< 10	50	37	4	< 5
884967	0.79	73.17	16.55	1.06	0.099	0.03	0.20	2.82	3.67	0.001	0.21	0.44	98.25	< 1	162	6	< 20	< 1	< 20	< 10	60	40	4	< 5
884968	0.50	75.55	16.22	0.91	0.088	0.03	0.26	3.94	3.15	0.002	0.25	0.47	100.9	< 1	119	5	< 20	< 1	< 20	< 10	50	34	4	< 5
884969	0.06	62.11	16.43	8.21	0.126	3.03	2.83	3.12	2.82	0.682	0.16	1.40	100.9	19	2	146	140	23	60	60	110	20	1	< 5
884970	0.66	72.80	15.50	3.29	0.095	0.06	0.28	3.34	2.48	0.004	0.15	0.00	98.00	< 1	152	5	30	2	20	50	100	38	4	< 5

Activation Laboratories Ltd. Report: A11-14929

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884964	610	26	< 2	8	18	< 2	< 0.5	< 0.2	76	< 0.5	58.1	25	3.7	0.9	12.9	< 1	4.9	9	0.9	2.4	2.75	
884965	658	32	< 2	9	21	< 2	< 0.5	< 0.2	84	< 0.5	53.2	44	2.6	0.9	25.1	< 1	5.4	8	0.8	1.5		
884966	874	36	< 2	8	18	< 2	< 0.5	< 0.2	76	< 0.5	62.1	78	6.1	1.0	15.3	< 1	7.3	9	0.9	1.7		
884967	982	30	< 2	6	11	< 2	< 0.5	< 0.2	81	< 0.5	62.1	38	5.0	0.6	6.4	< 1	7.8	11	0.8	2.3		
884968	847	29	< 2	15	18	< 2	< 0.5	< 0.2	71	< 0.5	63.8	26	7.4	1.3	19.0	1	7.1	12	1.0	2.9		
884969	107	351	12	133	6	< 2	0.9	< 0.2	1	< 0.5	6.7	678	0.5	3.2	0.5	1	0.9	14	7.7	1.9		
884970	603	44	< 2	17	46	22	< 0.5	< 0.2	84	< 0.5	40.9	105	2.2	1.7	30.0	2	4.3	14	2.0	4.4		

Activation Laboratories Ltd. Report: A11-14929

Quality Control

Analyte Symbol	SiO2	Li	Spec Grav	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	
Unit Symbol	%	%	-	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	
Analysis Method	FUS-ICP	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	
NIST 694 Meas	11.68			1.89	0.74	0.013	0.35	43.27	0.88	0.56	0.119	30.26					1661								
NIST 694 Cert	11.2			1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas	46.75			17.95	10.00	0.146	10.19	11.28	1.91	0.23	0.469	0.06			31		156	260	58	250	100	60			
DNC-1 Cert	47.15			18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0			
GBW 07113 Meas	71.99			12.66	3.27	0.143	0.14	0.59	2.43	5.40	0.281	0.03			5		4								
GBW 07113 Cert	72.8			13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00		4.00								
LKSD-3 Meas																		70	31	50	30				
LKSD-3 Cert																		87.0	30.0	47.0	35.0				
TDB-1 Meas																		230		90	340	170			
TDB-1 Cert																		251		92	323	155			
W-2a Meas	52.39			15.26	11.05	0.165	6.25	10.79	2.24	0.63	1.075	0.12			35	< 1	276	80	45	60	110	80	18	2	
W-2a Cert	52.4			15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	
SY-4 Meas	49.69			20.11	6.09	0.106	0.50	7.91	7.00	1.69	0.281	0.13			1	3	9								
SY-4 Cert	49.9			20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																				< 1		60	< 30		
CTA-AC-1 Cert																				2.72		54.0	38.0		
BIR-1a Meas	48.06			15.56	11.68	0.172	9.60	13.48	1.81	0.02	0.965	0.02			44	< 1	338	360	54	160	130	70	15		
BIR-1a Cert	47.96			15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16		
ZW-C Meas		1.07																				1070	97		
ZW-C Cert		1.13																				1050	99		
NCS DC70014 Meas																				26	70	2610	7390	25	
NCS DC70014 Cert																				26.2	70.9	2600.00	7400.00	25.2	
NCS DC70009 (GBW07241) Meas																			30	3	< 20	940	100	17	11
NCS DC70009 (GBW07241) Cert																			30	3.7	2.8	960.000	100.000	16.5	11.2
OREAS 100a (Fusion) Meas																					16		170		
OREAS 100a (Fusion) Cert																					18.1		169		
OREAS 101a (Fusion) Meas																					47		430		
OREAS 101a (Fusion) Cert																					48.8		434		
OREAS 101b (Fusion) Meas																					47	< 20	430		
OREAS 101b (Fusion) Cert																					47	9	416		
JR-1 Meas																			< 20	< 1	< 20	< 10	< 30	17	2
JR-1 Cert																			2.83	0.83	1.67	2.68	30.6	16.1	1.88
SARM 3 Meas																									
SARM 3 Cert																									
NCS DC86303 Meas		0.21																							
NCS DC86303 Cert		0.21																							
NCS DC86304 Meas		1.04																							
NCS DC86304 Cert		1.06																							
NCS DC86314 Meas		1.69																							
NCS DC86314 Cert		1.81																							
884969 Orig	62.11	0.06		16.43	8.21	0.126	3.03	2.83	3.12	2.82	0.682	0.16	1.40	100.9	19	2	146	140	23	60	60	110	20	1	
884969 Split	62.00	0.07		16.56	8.23	0.127	3.01	2.84	3.08	2.79	0.697	0.16	1.40	100.9	18	2	149	140	24	60	60	110	19	1	
Method Blank																			< 20	< 1	< 20	< 10	< 30	< 1	< 1
Method Blank			1.00																						
Method Blank		< 0.01																							
Method Blank		< 0.01																							

Activation Laboratories Ltd. Report: A11-14929

Quality Control																					
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas			143	15	34						0.8		105								
DNC-1 Cert			144.0	18.0	38						0.96		118								
GBW 07113 Meas			41	43	386								503								
GBW 07113 Cert			43.0	43.0	403								506								
LKSD-3 Meas	24	72						< 2	1.7	2	1.2	2.4									4.7
LKSD-3 Cert	27.0	78.0						2.00	2.70	3.00	1.30	2.30									4.60
TDB-1 Meas																					2.7
TDB-1 Cert																					2.7
W-2a Meas	< 5	19	197	19	84	8	< 2	< 0.5			0.9	0.9	174	< 0.4	2.5	0.5	< 1	< 0.1	7	2.4	0.5
W-2a Cert	1.20	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530
SY-4 Meas			1202	113	546								346								
SY-4 Cert			1191	119	517								340								
CTA-AC-1 Meas																2.6					4.5
CTA-AC-1 Cert																2.65					4.4
BIR-1a Meas	< 5		107	13	14	< 1					0.6		7		0.5				< 5		
BIR-1a Cert	0.44		110	16	18	0.6					0.58		6		0.60				3		
ZW-C Meas																83.7					
ZW-C Cert																82					
NCS DC70014 Meas							270	16.3				179		80.2						27200	
NCS DC70014 Cert							270	16.7				180.000		80.3						27200.00	
NCS DC70009 (GBW07241) Meas	70	506						2.5	1.3	1700			44.4				2200				
NCS DC70009 (GBW07241) Cert	69.9	500.00						1.8	1.3	1701.000			41				2200.00				
OREAS 100a (Fusion) Meas																				48.9	134
OREAS 100a (Fusion) Cert																				51.6	135
OREAS 101a (Fusion) Meas							20													36.0	422
OREAS 101a (Fusion) Cert							21.9													36.6	422
OREAS 101b (Fusion) Meas							20													38.4	412
OREAS 101b (Fusion) Cert							20.9													37.1	396
JR-1 Meas	13	249				15	3	1.7	< 0.2		1.4	20.8		0.6	4.3	1.8	2	1.5	21	28.3	9.7
JR-1 Cert	16.3	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88
SARM 3 Meas						979															
SARM 3 Cert						978															
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884969 Orig	< 5	107	351	12	133	6	< 2	0.9	< 0.2	1	< 0.5	6.7	678	0.5	3.2	0.5	1	0.9	14	7.7	1.9
884969 Split	< 5	104	350	12	128	6	< 2	0.9	< 0.2	1	< 0.5	6.5	672	0.5	3.1	0.5	1	0.9	13	7.8	2.0
Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank																					
Method Blank																					
Method Blank																					

Quality Analysis ...



Innovative Technologies

Date Submitted: 14-Dec-11
Invoice No.: A11-14930
Invoice Date: 30-Dec-11
Your Reference: Georgia Lake Lithium

Rock Tech Lithium Inc.
789 West Pender Street
Suite 400
Vancouver B.C. V6C 1H2
Canada

ATTN: Afzaal Pirzada

CERTIFICATE OF ANALYSIS

1 Pulp sample and 8 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-14930**

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion
Code 8-REE - Rock Tech Major Elements Fusion (CP(WRA)/Trace
Elements Fusion (CP/MS(WRA4B2)
Code Specific Gravity Pulp

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Total includes all elements in % oxide to the left of total.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-14930

Analyte Symbol	Li	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1	5
Analysis Method	FUS- Na2O2	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
884955	0.38	76.91	14.66	0.98	0.087	0.05	0.31	4.13	2.83	0.002	0.34	0.52	100.8	< 1	144	< 5	< 20	< 1	< 20	< 10	60	31	3	< 5
884956	0.45	74.64	15.57	1.11	0.091	0.06	0.33	3.78	2.93	0.001	0.34	0.57	99.40	< 1	131	< 5	< 20	< 1	< 20	< 10	50	36	4	< 5
884957	0.30	73.02	15.51	0.91	0.063	0.07	0.43	4.39	3.21	0.001	0.32	0.59	98.50	< 1	133	< 5	< 20	1	< 20	< 10	< 30	35	4	< 5
884958	0.61	74.45	15.85	1.01	0.086	0.04	0.30	3.58	2.87	0.001	0.26	0.55	99.00	< 1	170	< 5	< 20	< 1	< 20	< 10	30	39	4	< 5
884959	0.66	74.19	16.17	0.98	0.079	0.04	0.33	3.53	2.70	0.001	0.23	0.51	98.76	< 1	149	6	< 20	< 1	< 20	< 10	30	39	4	< 5
884960	< 0.01	99.22	0.28	0.58	0.007	< 0.01	0.02	0.02	0.05	0.031	< 0.01	-0.03	100.2	< 1	< 1	5	< 20	< 1	< 20	< 10	150	< 1	< 1	< 5
884961	0.42	73.26	15.59	1.02	0.104	0.04	0.34	3.87	3.13	0.002	0.37	0.52	98.23	< 1	130	5	< 20	< 1	< 20	< 10	70	36	4	< 5
884962	0.23	72.95	15.26	0.85	0.083	0.04	0.43	4.13	3.55	0.003	0.39	0.62	98.31	< 1	82	5	< 20	< 1	< 20	< 10	50	32	4	< 5
884963	0.14	74.49	15.17	0.80	0.071	0.05	0.52	5.07	3.01	0.002	0.41	0.63	100.2	< 1	79	< 5	< 20	< 1	< 20	< 10	40	31	4	< 5

Activation Laboratories Ltd. Report: A11-14930

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-
Detection Limit	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1	0.01	
Analysis Method	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
884955	836	33	< 2	17	33	2	< 0.5	< 0.2	62	< 0.5	65.8	43	27.0	1.5	26.2	1	7.0	17	1.2	4.2		
884956	866	36	< 2	16	25	< 2	< 0.5	< 0.2	70	< 0.5	67.4	40	4.0	1.7	21.4	1	6.8	15	1.1	5.0		
884957	961	46	< 2	17	30	< 2	< 0.5	< 0.2	75	< 0.5	67.3	97	1.8	1.5	23.5	< 1	7.8	11	1.0	4.6	2.73	
884958	847	44	< 2	12	31	< 2	< 0.5	< 0.2	101	< 0.5	52.4	78	1.4	1.4	23.5	< 1	6.4	10	1.0	4.9		
884959	748	49	< 2	14	30	< 2	< 0.5	< 0.2	90	< 0.5	46.9	103	1.9	1.4	26.7	< 1	6.4	12	1.0	4.0		
884960	< 2	4	2	54	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	27	< 0.4	1.2	< 0.1	< 1	0.3	< 5	0.6	0.3		
884961	912	42	2	17	27	< 2	< 0.5	< 0.2	77	< 0.5	79.6	73	3.2	1.5	21.9	< 1	7.3	16	1.1	6.8		
884962	1060	43	2	23	31	< 2	< 0.5	< 0.2	72	< 0.5	105	69	4.0	2.0	35.0	1	9.7	21	2.1	8.3		
884963	827	45	2	18	22	< 2	< 0.5	< 0.2	59	< 0.5	71.9	67	3.2	1.6	18.7	1	7.0	12	1.1	5.3		

Activation Laboratories Ltd. Report: A11-14930

Quality Control																											
Analyte Symbol	SiO2	Li	Spec Grav	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge			
Unit Symbol	%	%	-	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1			
Analysis Method	FUS-ICP	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS			
NIST 694 Meas	11.68			1.89	0.74	0.013	0.35	43.27	0.88	0.56	0.119	30.26					1661										
NIST 694 Cert	11.2			1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740										
DNC-1 Meas	46.75			17.95	10.00	0.146	10.19	11.28	1.91	0.23	0.469	0.06			31		156	260	58	250	100	60					
DNC-1 Cert	47.15			18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148.0	270.000	57.0	247.000	100.0	70.0					
GBW 07113 Meas	71.99			12.66	3.27	0.143	0.14	0.59	2.43	5.40	0.281	0.03			5	4	7										
GBW 07113 Cert	72.8			13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00										
LKSD-3 Meas																		70	31	50	30						
LKSD-3 Cert																		87.0	30.0	47.0	35.0						
TDB-1 Meas																		230		90	340	170					
TDB-1 Cert																		251		92	323	155					
W-2a Meas	52.39			15.26	11.05	0.165	6.25	10.79	2.24	0.63	1.075	0.12			35	< 1	276	80	45	60	110	80	18	2			
W-2a Cert	52.4			15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00			
SY-4 Meas	49.69			20.11	6.09	0.106	0.50	7.91	7.00	1.69	0.281	0.13			1	3	9										
SY-4 Cert	49.9			20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0										
CTA-AC-1 Meas																				< 1		60	< 30				
CTA-AC-1 Cert																				2.72		54.0	38.0				
BIR-1a Meas	48.06			15.56	11.68	0.172	9.60	13.48	1.81	0.02	0.965	0.02			44	< 1	338	360	54	160	130	70	15				
BIR-1a Cert	47.96			15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125	70	16				
ZW-C Meas		1.07																				1070	97				
ZW-C Cert		1.13																				1050	99				
NCS DC70014 Meas																				26	70	2610	7390	25			
NCS DC70014 Cert																				26.2	70.9	2600.00	7400.00	25.2			
NCS DC70009 (GBW07241) Meas																				30	3	< 20	940	100	17	11	
NCS DC70009 (GBW07241) Cert																				30	3.7	2.8	960.000	100.000	16.5	11.2	
OREAS 100a (Fusion) Meas																					16		170				
OREAS 100a (Fusion) Cert																					18.1		169				
OREAS 101a (Fusion) Meas																					47		430				
OREAS 101a (Fusion) Cert																					48.8		434				
OREAS 101b (Fusion) Meas																					47	< 20	430				
OREAS 101b (Fusion) Cert																					47	9	416				
JR-1 Meas																					< 20	< 1	< 20	< 10	< 30	17	2
JR-1 Cert																					2.83	0.83	1.67	2.68	30.6	16.1	1.88
SARM 3 Meas																											
SARM 3 Cert																											
NCS DC86303 Meas		0.21																									
NCS DC86303 Cert		0.21																									
NCS DC86304 Meas		1.04																									
NCS DC86304 Cert		1.06																									
NCS DC86314 Meas		1.69																									
NCS DC86314 Cert		1.81																									
884956 Orig		0.45																									
884956 Dup		0.45																									
884963 Orig	74.49	0.14		15.17	0.80	0.071	0.05	0.52	5.07	3.01	0.002	0.41	0.63	100.2	< 1	79	< 5	< 20	< 1	< 20	< 10	40	31	4			
884963 Split	74.03	0.14		15.23	0.78	0.071	0.04	0.52	5.04	2.99	0.002	0.42	0.65	99.76	< 1	73	< 5	< 20	< 1	< 20	< 10	50	30	4			
Method Blank																					< 20	< 1	< 20	< 10	< 30	< 1	< 1
Method Blank			1.00																								
Method Blank		< 0.01																									
Method Blank		< 0.01																									

Activation Laboratories Ltd. Report: A11-14930

Quality Control																					
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.2	0.1	1	0.1	5	0.1	0.1
Analysis Method	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																					
NIST 694 Cert																					
DNC-1 Meas			143	15	34						0.8		105								
DNC-1 Cert			144.0	18.0	38						0.96		118								
GBW 07113 Meas			41	43	386								503								
GBW 07113 Cert			43.0	43.0	403								506								
LKSD-3 Meas	24	72						< 2	1.7	2	1.2	2.4									4.7
LKSD-3 Cert	27.0	78.0						2.00	2.70	3.00	1.30	2.30									4.60
TDB-1 Meas																					2.7
TDB-1 Cert																					2.7
W-2a Meas	< 5	19	197	19	84	8	< 2	< 0.5			0.9	0.9	174	< 0.4	2.5	0.5	< 1	< 0.1	7	2.4	0.5
W-2a Cert	1.20	21.0	190	24.0	94.0	7.90	0.600	0.0460			0.790	0.990	182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530
SY-4 Meas			1202	113	546								346								
SY-4 Cert			1191	119	517								340								
CTA-AC-1 Meas																2.6					4.5
CTA-AC-1 Cert																2.65					4.4
BIR-1a Meas	< 5		107	13	14	< 1					0.6		7		0.5				< 5		
BIR-1a Cert	0.44		110	16	18	0.6					0.58		6		0.60				3		
ZW-C Meas																83.7					
ZW-C Cert																82					
NCS DC70014 Meas							270	16.3				179		80.2						27200	
NCS DC70014 Cert							270	16.7				180.000		80.3						27200.00	
NCS DC70009 (GBW07241) Meas	70	506						2.5	1.3	1700			44.4				2200				
NCS DC70009 (GBW07241) Cert	69.9	500.00						1.8	1.3	1701.000			41				2200.00				
OREAS 100a (Fusion) Meas																				48.9	134
OREAS 100a (Fusion) Cert																				51.6	135
OREAS 101a (Fusion) Meas							20													36.0	422
OREAS 101a (Fusion) Cert							21.9													36.6	422
OREAS 101b (Fusion) Meas							20													38.4	412
OREAS 101b (Fusion) Cert							20.9													37.1	396
JR-1 Meas	13	249				15	3	1.7	< 0.2		1.4	20.8		0.6	4.3	1.8	2	1.5	21	28.3	9.7
JR-1 Cert	16.3	257				15.2	3.25	0.031	0.028		1.19	20.8		0.56	4.51	1.86	1.59	1.56	19.3	26.7	8.88
SARM 3 Meas						979															
SARM 3 Cert						978															
NCS DC86303 Meas																					
NCS DC86303 Cert																					
NCS DC86304 Meas																					
NCS DC86304 Cert																					
NCS DC86314 Meas																					
NCS DC86314 Cert																					
884956 Orig																					
884956 Dup																					
884963 Orig	< 5	827	45	2	18	22	< 2	< 0.5	< 0.2	59	< 0.5	71.9	67	3.2	1.6	18.7	1	7.0	12	1.1	5.3
884963 Split	< 5	828	45	3	16	21	< 2	< 0.5	< 0.2	56	< 0.5	70.3	66	2.5	1.4	18.4	1	6.8	12	1.0	5.0
Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank																					
Method Blank																					
Method Blank																					