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Rock Tech Lithium Inc.

Report on Exploration Work 2017 – Drilling, Prospecting, and Channel Sampling

Georgia Lake Lithium Project

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12-20-2018

Contents

1.0 Introduction

This report covers work completed on Rock Tech Lithium's Georgia Lake project during 2017, including drilling, prospecting, and trenching and channel sampling. The main focus was on two claim blocks within the Georgia Lake project: the Nama-Conway-McVittie block and the Aumacho block.

The author of this report is Jessica Daniel, M.Sc., P. Geo (British Columbia). Ms. Daniel is an independent geological consultant in good standing with the Association of Engineers and Geoscientists of British Columbia (APEG BC member # 35485) who has been contracted by Rock Tech Lithium. Ms. Daniel has worked for several Canadian mining and junior exploration companies and has overseen exploration programs, including drilling campaigns, during her career. She made site visits to the property during drilling, prospecting, and channel sampling programs and planned and oversaw the programs.

1.1 Abbreviations and Units

Several abbreviations for elements, minerals, and units have been used in this report and its appendices (Table 1).

Table 1. Abbreviations and units used in this report.

Abbreviation	**Long Form**
Li_2O/Li	Lithium Oxide / Lithium
Peg/PEG	Pegmatite
QMF	Quartz-muscovite-feldspar
QF	Quartz-feldspar
SPD/spod	Spodumene
QFB/QFB DIKE	Quartz-feldspar-biotite bearing porphyry dykes
M SED	Metasedimentary rock
M SCH	Mica schist (metamorphosed sedimentary rock)
GR/BT GR	Granite / Biotite-bearing granite
OB	Overburden
FRCT	Fracture
VN	Vein
CTC	Contact
TCA	To core axis
QAQC	Quality assurance – Quality control
vcg	Very coarse grained
cg	Coarse grained
mg	Medium grained
fg	Fine grained
wk	Weak
ppm	Parts per million
ICP-OES	Inductively coupled plasma – Optical emission spectrometry
ICP-MS	Inductively coupled plasma – Mass spectrometry
RQD	Rock quality designation
EOH	End of hole
cm	Centimetres

m	Metres
km	Kilometres
wt. %	Weight percent
BD	Below detection
ha	Hectares
NTS	National Topographic System
GPS	Global Positioning System
NAD	North American Datum
UTM	Universal Trans-Mercator
NQ	Core with diameter of 4.76cm
ESE	East-southeast
NW	Northwest
NE	Northeast
ATV	All-terrain vehicle

2.0 Property Location and Access

2.1 Property Location

The Georgia Lake Property is located approximately 150km northeast of Thunder Bay within the Thunder Bay Mining Division in NTS sheets 42E05NW and 52H08NE (Figure 1). The Property consists of 8 separate claims blocks, the largest being the Nama-Conway-McVittie block at the property's northern extent, roughly 20km south of the town of Beardmore. This block consists of 200 cell claims, 6 boundary claims, and 36 dispositions.

Roughly 8.5km to the south of Nama-Conway-McVittie is the Aumacho claim block, comprising 32 cell claims and 10 boundary claims. Two other blocks were staked in 2016 to the south and southeast of Aumacho, consisting of 16 cells claims (plus 4 boundary claims) and 15 cell claims respectively.

At the southern end of the property, roughly 40km south of the town of Beardmore is MNW property. This property consists of two dispositions.

In the central part of the project are the Jean Lake, Foster-Lew, and Newkirk properties, all of which consist entirely of dispositions. Claim blocks are internally contiguous, though not contiguous with each other (Figure 2).

2.2 Access

The main access route to the project is Highway 11 which connects the towns of Nipigon and Beardmore. Roughly halfway between the towns, a dirt road named The Gorge Creek Road turns off the highway on the east side. This road, and various smaller dirt roads and ATV trails connected to it, provides the best access to all properties of the Georgia Lake project. Most of the properties require an ATV to access. The nearest major airport is in Thunder Bay.

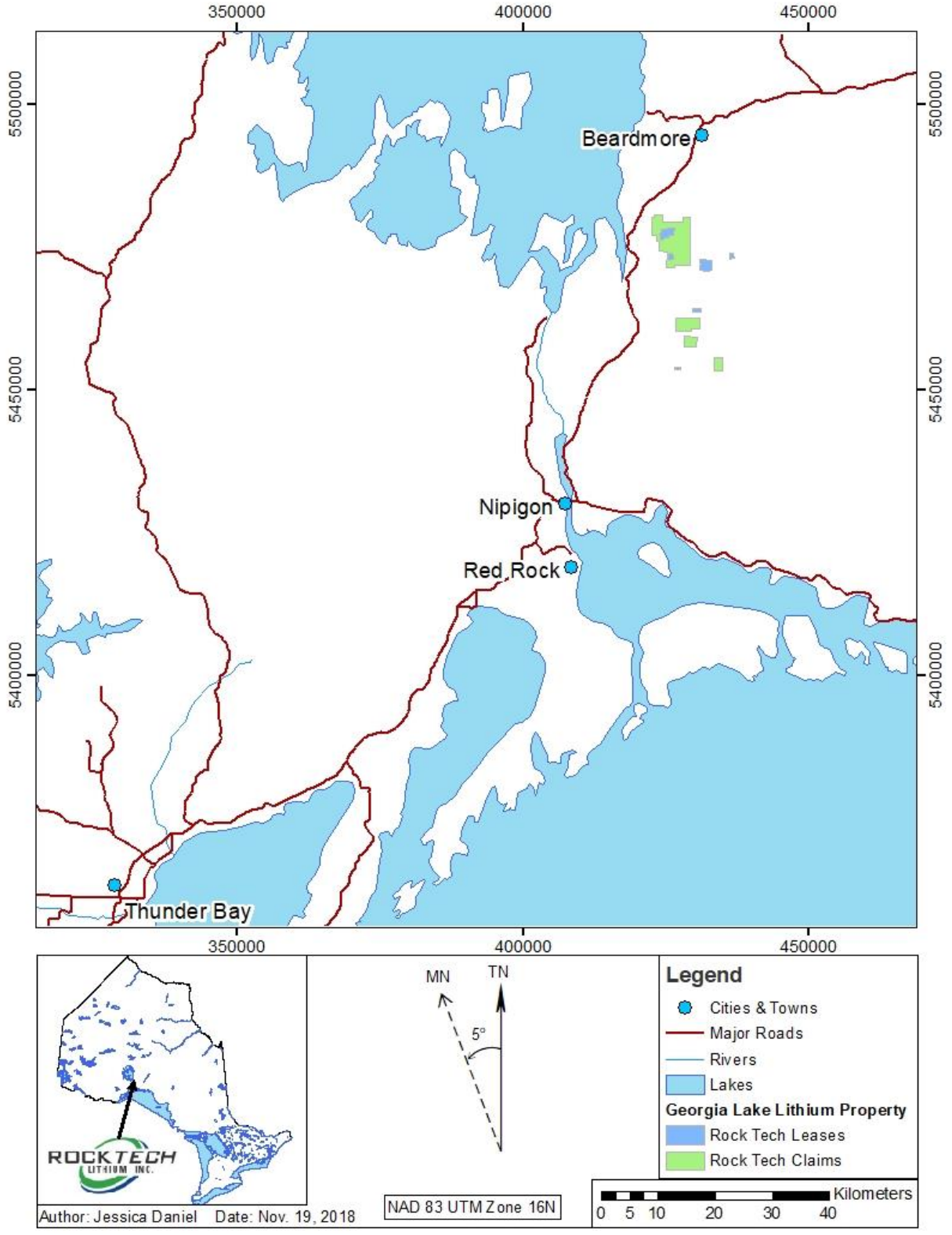

Figure 1. Rock Tech Lithium Georgia Lake Project location map.

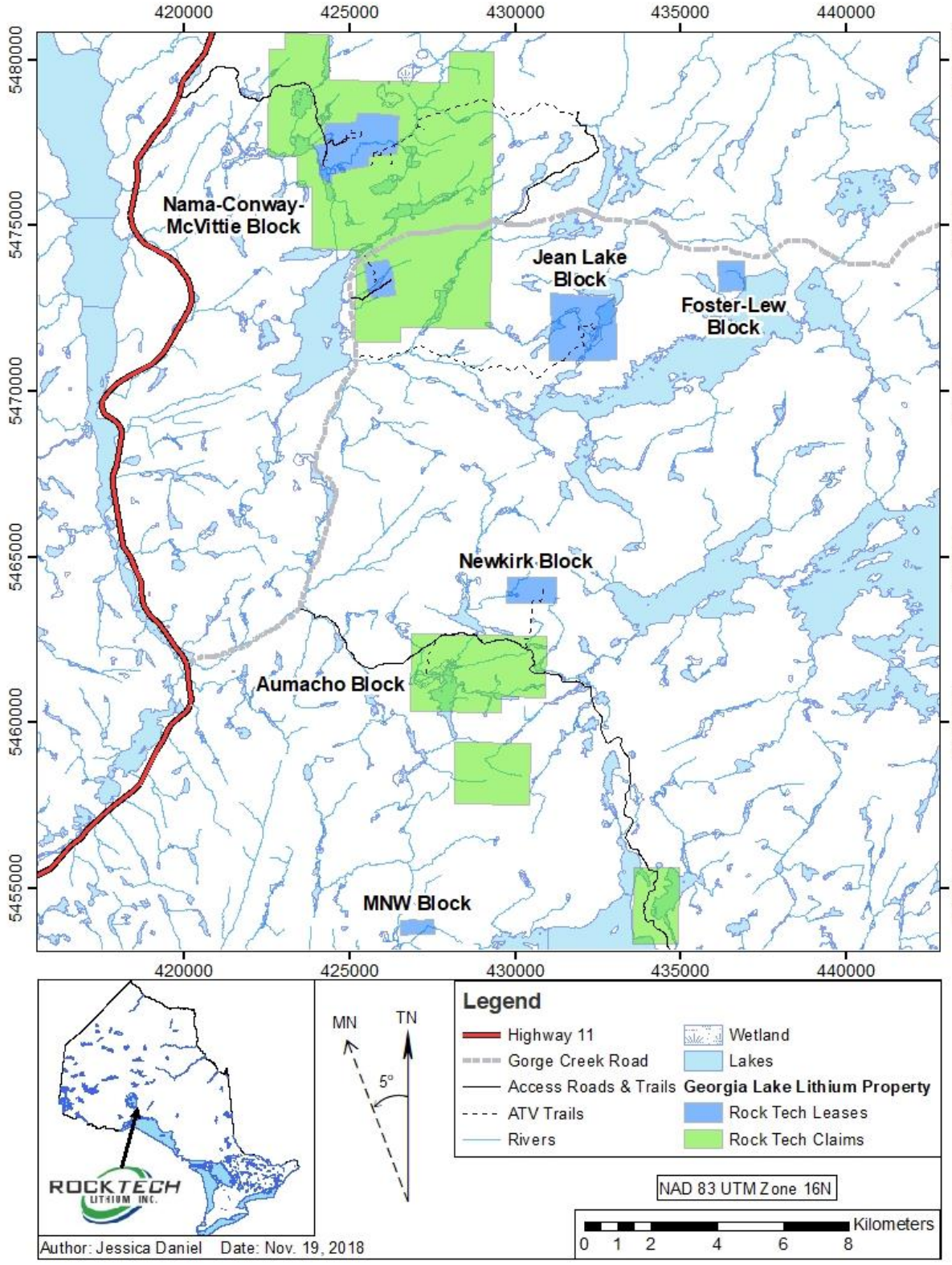

Figure 2. Georgia Lake project property map. See associated maps for detailed claims and leases.

3.0 Claim Description and Ownership

The Georgia Lake project comprises 283 claims, 100% owned by Rock Tech Lithium. Table 2 summarizes the claims.

Table 2. List of claims in the Georgia Lake property.

Claim#	Type	Status	Issue Date	Anniversary Date	# of Cells	Work required	Claim type
344793	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
344758	Claim	Active	2018-04-09	2021-05-17	1	200	Single Cell
344757	Claim	Active	2018-04-09	2021-05-17	1	400	Single Cell
342241	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
342240	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
340997	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
340996	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
340907	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
339163	Claim	Active	2018-04-09	2021-12-08	1	200	Single Cell
339162	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
336485	Claim	Active	2018-04-09	2019-08-22	1	400	Single Cell
336306	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
335846	Claim	Active	2018-04-09	2020-12-08	1	400	Single Cell
335845	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
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334731	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
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141085	Claim	Active	2018-04-09	2020-08-22	1	400	Single Cell
141079	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
140097	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
140096	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
139846	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
138507	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
137835	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
137312	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
137311	Claim	Active	2018-04-09	2021-12-08	1	200	Single Cell
135509	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
135508	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
135487	Claim	Active	2018-04-09	2022-08-22	1	200	Single Cell
135004	Claim	Active	2018-04-09	2020-08-22	1	400	Single Cell
134754	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
134146	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
134145	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
134144	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
134143	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
133440	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
133439	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
133438	Claim	Active	2018-04-09	2019-05-17	1	200	Boundary
132071	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
132070	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell

128670	Claim	Active	2018-04-09	2020-12-08	1	200	Single Cell
128669	Claim	Active	2018-04-09	2021-12-08	1	200	Single Cell
125308	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
123503	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
122741	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
122214	Claim	Active	2018-04-09	2020-08-22	1	400	Single Cell
121403	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
121402	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
120898	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
120897	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
115825	Claim	Active	2018-04-09	2019-08-08	1	400	Single Cell
114362	Claim	Active	2018-04-09	2019-08-22	1	400	Single Cell
112545	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
112402	Claim	Active	2018-04-09	2021-08-22	1	400	Single Cell
111996	Claim	Active	2018-04-09	2020-08-22	1	400	Single Cell
111427	Claim	Active	2018-04-09	2020-12-08	1	400	Single Cell
110212	Claim	Active	2018-04-09	2020-08-22	1	400	Single Cell
109132	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
106704	Claim	Active	2018-04-09	2019-05-17	1	200	Boundary
106179	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
106178	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
106177	Claim	Active	2018-04-09	2021-12-08	1	400	Single Cell
106094	Claim	Active	2018-04-09	2019-05-17	1	200	Boundary
106093	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
106092	Claim	Active	2018-04-09	2019-05-17	1	400	Single Cell
105386	Claim	Active	2018-04-09	2021-05-17	1	400	Single Cell

4.0 Geological Setting

4.1 Regional Geology

The Georgia Lake project is located in the Quetico Subprovince within the Superior Province (Figure 3). The Quetico Subprovince is Archean in age and dominated by metasediments, particularly wacke, iron formation, conglomerate, and siltstone. Lesser amounts of igneous rocks are present, consisting of felsic and intermediate intrusions, metamorphosed felsic and mafic volcanics, and rare gabbroic and ultramafic rocks. Mineralisation in the Quetico is generally low with rare element pegmatites being the exception (Williams, 1991). The highest concentration of rare-element mineralisation in the Superior Province is in the pegmatites of the Georgia Lake area (Breaks, Selway, and Tindle, 2008).

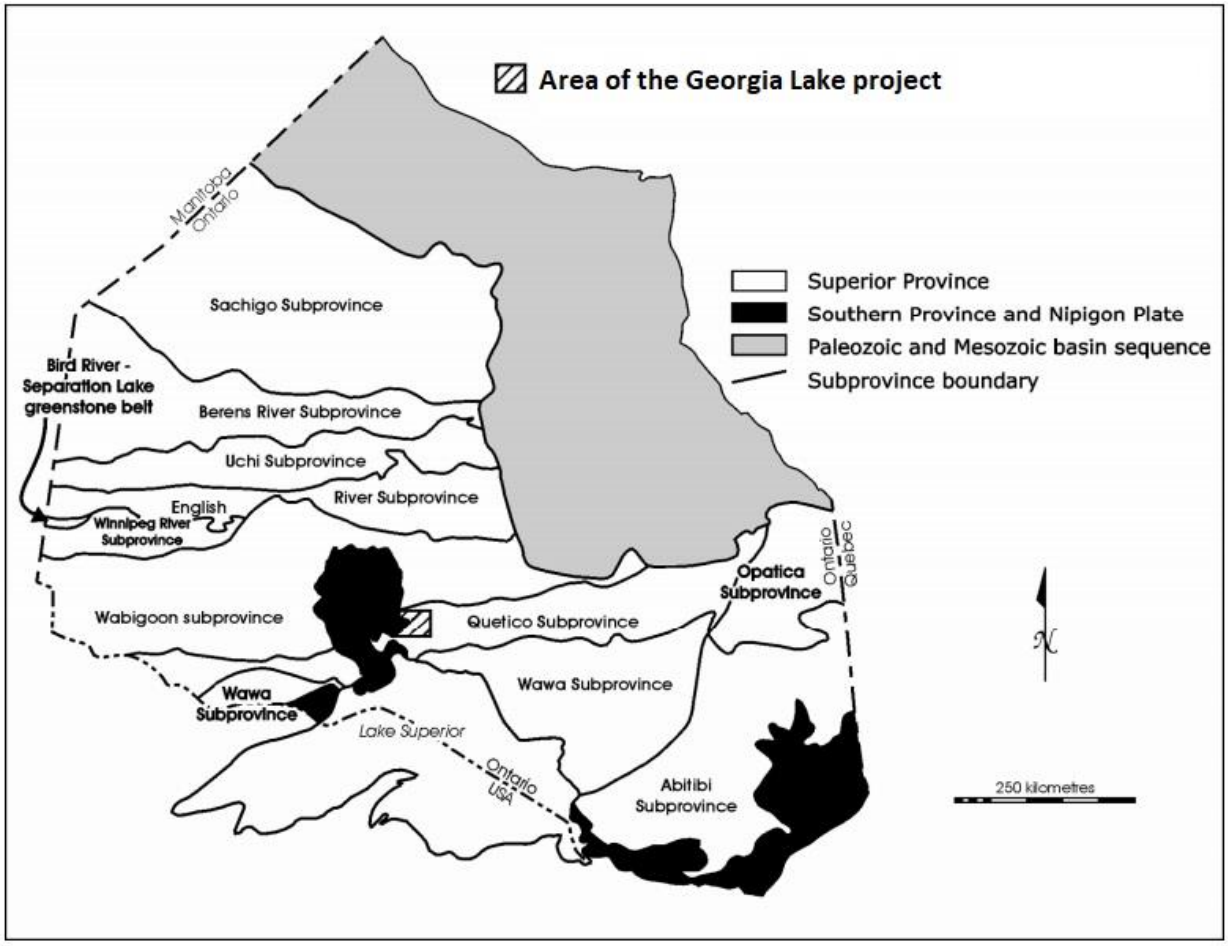

Figure 3. Subprovinces of the Superior Province. Modified after Breaks, Selway and Tindle (2008).

4.2 Property Geology

Rock Tech Lithium's Georgia Lake property consists dominantly of metamorphosed sediments which host several of the rare element pegmatites. Following sedimentation, granitic rocks and gabbroic sills and dykes intruded the area followed by Logan diabase sills during the Proterozoic (Figure 4; Pye, 1965). The granitic Glacier Lake Batholith and Barbara Lake stock are thought to be the progenitors of the Georgia Lake pegmatite dykes (Breaks, Selway, and Tindle, 2008). Pegmatites are hosted within the metasediments, smaller granitic units, and the progenitor granites themselves.

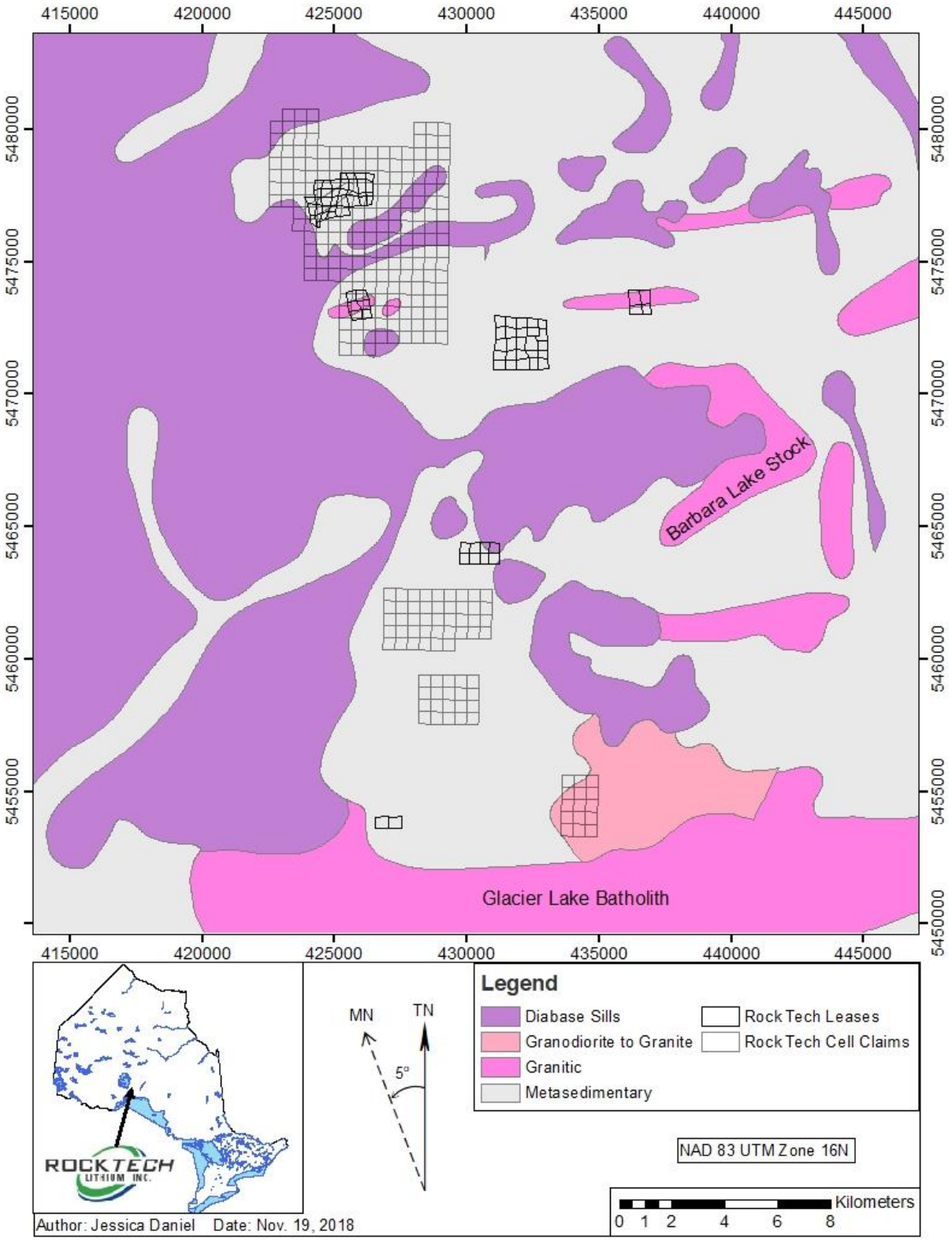

Figure 4. Geology of the Georgia Lake area.

5.0 Historic Work

Spodumene was discovered in the Georgia Lake area in 1955. This set off a staking rush with several companies controlling various parts of the Georgia Lake area (Pye, 1965). A considerable amount of drilling was completed around this time, including the following on what is now Rock Tech's Georgia Lake project:

Table 3. Summary of early historic work.

Dyke	Area	Year	Drillholes	Company
MZN	Nama Creek	1955-1956	45	Nama Creek Mines Ltd
MZSW	Nama Creek	1955-1956	14	Nama Creek Mines Ltd
Harricana/West	Nama Creek	1955-1956	18	New Highridge Mining Co Ltd
Line 60	Nama Creek	1955-1956	22	New Highridge Mining Co Ltd
Caral	Nama Creek	1956	13	Caral Mines Ltd
Kenogamisis	Nama Creek	1955	3	Kenogamisis Gold Mines Ltd
Conway	Conway	1958	15	E.S. Conway
Norland	Conway	1958	4	E.S. Conway
No. 1 (Conway)	Conway	1957	5	United Montauban Mines
No. 4 (Conway)	Conway	1958	2	E.S. Conway
McVittie	McVittie	1955-1956	12	Noranda Mines Ltd
Parole Lake/No. 4	Jean Lake	1955-1956	28	Jean Lake Lithium Mines Ltd
No. 1 (Jean Lake)	Jean Lake	1956	10	Jean Lake Lithium Mines Ltd
No. 3 (Jean Lake)	Jean Lake	1956	2	Jean Lake Lithium Mines Ltd
No. 5 (Jean Lake)	Jean Lake	1956	4	Jean Lake Lithium Mines Ltd
Foster	Foster-Lew	1956	5	Goldale Syndicate
Brink	Aumacho	1955	13	Aumacho River Mines Ltd
Newkirk	Newkirk	1955	8	Slush Lake Group
Vegan	Newkirk	1955-1956	34	Dunvegan Mines Ltd
MNW	MNW	1956	14	Consolidated Mining and Smelting Company of Canada Ltd

However, the area was largely inactive from 1958 to 2009 as previous owners failed to find markets for the lithium (Pye, 1965). Small exploration programs were conducted during the 1970s and 1980s and geophysical surveys were carried out on some of the prospects in search of more pegmatite. This geophysical work was found to be ineffective at making new discoveries in this area. Drilling during this time was limited and consisted of two holes at McVittie in 1987 and one hole drilled on the Foster target in 1989. All three holes were completed by Armeno Resources.

In 2009, James Bay Midarctic Developments Inc. acquired several properties in the area and carried out a project of prospecting and sampling. Drilling followed with two holes on the Conway Dyke and three holes on the Brink Dyke at Aumacho.

Rock Tech acquired the project in 2010 and has since completed prospecting and sampling, trenching and channel sampling, and drilling. The following was completed by Rock Tech during its 2010-2011 and 2016 programs:

Table 4. Summary of previous Rock Tech drillholes and channels

Dyke	Area	Drillholes	Channels
MZN	Nama Creek	32	17
MZSW	Nama Creek	4	28
Harricana/West	Nama Creek	6	31
Line 60	Nama Creek	5	39
Conway	Conway	13	22
Parole Lake/No. 4	Jean Lake	2	2
Brink	Aumacho	3	4
Newkirk	Newkirk	0	9
McVittie	McVittie	0	10

6.0 Drilling

Seven holes (584m) were completed in the spring of 2017 on the Brink prospect on the Aumacho property (Table 5). All drill logs are in Appendix A.

The first drillhole was begun on May 3, 2017 and the last completed on May 10, 2017. However, mobilization began on April 26, 2017 and demobilization completed on May 14, 2017. All holes were NQ sized. Drilling was carried out by Major Drilling International Inc. A Reflex down hole survey was performed at 50 m intervals during drilling and the drill casing was removed upon completion of each hole. GPS coordinates, in NAD 83 UTM Zone 16 North, were surveyed and recorded for all drillholes upon completion of drilling. A total of 88 samples were collected with an additional 16 QA/QC samples inserted into the sample stream including 6 blanks, 5 core duplicates, and 5 standards.

Table 5. Drillhole information for 2017 Aumacho drillholes.

Drilling ID	Claim No.	Easting	Northing	Length (m)	Elevation (m)	Azimuth	Dip	Start Date	End Date
AM-17-01	3009119	427289.76	5461423.10	92	426	155	-45	03-May-17	04-May-17
AM-17-02	3009119	427289.76	5461423.10	80	426	155	-85	04-May-17	05-May-17
AM-17-03	3009119	427253.40	5461435.43	86	425	145	-60	05-May-17	06-May-17
AM-17-04	3009119	427269.59	5461437.10	80	432	150	-50	06-May-17	07-May-17
AM-17-05	3009119	427268.10	5461435.00	92	432	180	-50	07-May-17	07-May-17
AM-17-06	3009119	427285.11	5461453.56	74	428	144	-55	08-May-17	09-May-17
AM-17-07	3009119	427309.13	5461476.04	80	433	70	-50	09-May-17	10-May-17

6.1 Drilling Procedures

Geological and geotechnical logging were completed for each hole. Geotechnical logging was completed by run for entire holes and consisted of measuring recovery and RQD. Geology was logged by lithology with alteration, mineralization, and structures also noted.

Samples were taken across every spodumene-bearing pegmatite and 1m into the barren host rock on either side of the dykes. Sample lengths were around 1m, though individual sample length was determined based on internal zoning of the dykes and the locations of their contacts. Core to be

sampled was cut in half with one half being sent for analysis and the other half remaining in the box for reference. All core is stored at Rock Tech's core facility in Beardmore, Ontario. Each sample was put into its own plastic sample bag with a sample tag and closed with zip ties. Reference material was inserted into the sample stream and consisted of the following:

- A high-grade standard
- A low-grade standard
- Blank material
- Field duplicates

The material was entered in the following order:

- Standards: Every 20 samples, alternating high and low standards (Sample numbers that end in 10, 30, 50, 70, 90)
- Blanks: Every 20 samples (Sample numbers that end in 00, 20, 40, 60, 80)
- Core duplicates: Every 20 samples (Sample numbers that end in 05, 25, 45, 65, 85)

Samples were sent to ActLabs in Geraldton for preparation and subsequently sent to their laboratory in Ancaster for analysis of lithium using a sodium peroxide fusion plus ICP-OES. 41 other elements, including major oxides, were analysed for using fusion plus ICP-OES or ICP-MS. Loss on ignition was also determined. Specific gravity was determined for every tenth sample. All assay certificates are in Appendix F.

6.2 Drilling Results

The seven holes drilled at Aumacho (Figures 5 and 6) intersected two pegmatite dykes, likely the Brink Number 1 and Number 2 dykes that Pye (1965) described. The two dykes are sub-parallel and shallowly dipping with the upper dyke being wider than the lower. Only the No.1 dyke has been observed in outcrop and it is this dyke that was sampled in previous channel sampling programs.

Upper dyke intercepts ranged from 4.14m to 6.8m and lower dyke intercepts ranged from 40cm to 4.33m. Furthermore, the upper dyke contained anomalous lithium values in all but one hole (AM-17-07), whereas the lower dyke only contained anomalous values in four holes (AM-17-02, AM-17-03, AM-17-06, and AM-17-07). Table 6 contains all significant lithium assays returned for this program. All drillhole cross-sections are in Appendix B.

Table 6. Results from Aumacho drilling.

Channel ID	Dyke	From	To	Length	Li_2O %
AM-17-01	Upper	48.00	48.85	0.85	2.03
AM-17-02	Upper	45.07	49.00	3.93	0.65
AM-17-02	Lower	57.48	58.83	1.35	2.24
AM-17-03	Upper	61.37	66.50	5.13	1.13
AM-17-03	Lower	74.28	75.58	1.30	1.34
AM-17-04	Upper	59.47	64.50	5.03	2.76
AM-17-05	Upper	64.75	70.94	6.19	1.78
AM-17-06	Upper	48.97	51.30	2.33	2.45
AM-17-06	Lower	60.00	62.00	2.00	2.77
AM-17-07	Lower	68.33	70.20	1.87	2.68

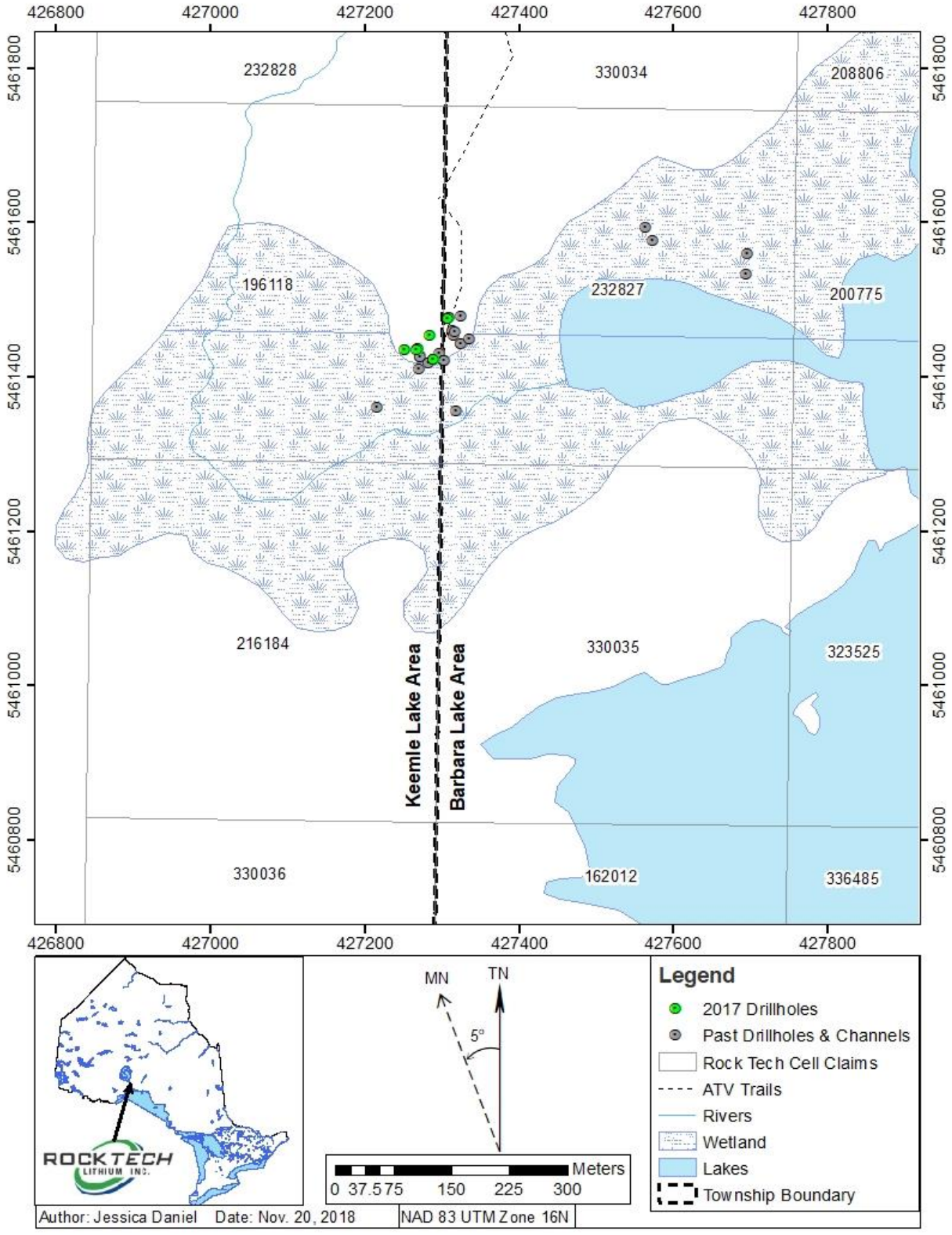

Figure 5. Locations of the 2017 Aumacho drillholes.

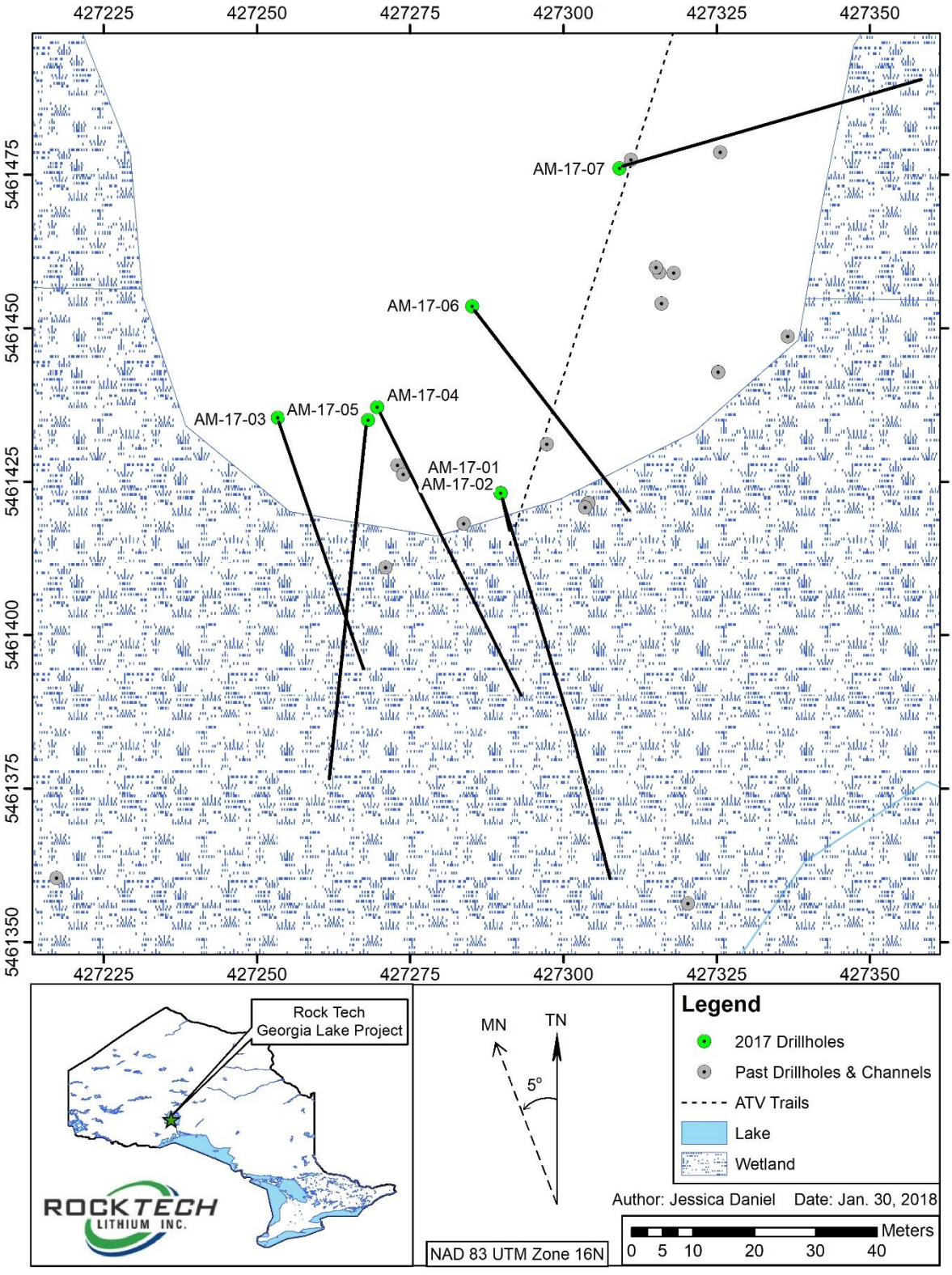

Figure 6. 2017 Aumacho drillholes close-up.

7.0 Prospecting/Grab Sampling

Prospecting was conducted mostly in the Nama Creek and McVittie areas with grab samples taken when pegmatite was encountered in the field. Almost all samples were taken of spodumene-bearing pegmatite with one sample taken of quartz-feldspar pegmatite. Samples were sent to ActLabs in Geraldton for preparation and subsequently sent to their laboratory in Ancaster for analysis of lithium using a sodium peroxide fusion plus ICP-OES. 41 other elements, including major oxides, were also analysed for using fusion plus ICP-OES or ICP-MS. Loss on ignition was also determined. No standards, blanks, or duplicates were submitted as part of this program. Appendix C contains full results of the grab sampling program, Appendix E the daily work log, and Appendix F all the assay certificates.

Reconnaissance grab sampling was completed on dykes outboard of, but in proximity to, the MZN resource area (Figure 7). This area was of interest as several dykes were mapped here in 1955, but further assessment of their potential never took place. Prospecting and sampling were completed as a way of determining potential in advance of channel sampling. A total of 22 samples were collected in this area. Samples here were mostly above 1% Li2O, though they ranged in values from 0.21 - 2.47% Li_2O.

Further work was conducted in the McVittie area on the dyke that was channel sampled in 2016 (Figure 8). This was done to try to follow the dyke further north. Six samples were taken in this area and returned values between 1.70 – 2.31% Li_2O.

Samples were also collected over the two farthest south claim blocks on the Georgia Lake property. The Georgia pegmatite described by Pye (1965) is located roughly 3.25km southeast of the Brink dyke on Aumacho. Previous workers were unable to find outcrop, though several spodumene-bearing pegmatite boulders were found. These boulders were relocated and sampled by Rock Tech though, again, no outcrop was found. Samples of the boulders ranged from 1.33-2.50% Li_2O (Figure 9). One sample was taken of a pegmatite by Cosgrave Lake, roughly 7km east of MNW. While pegmatite was found on this claim it did not contain any spodumene. As such, the sample assayed below detection for lithium (Figure 10).

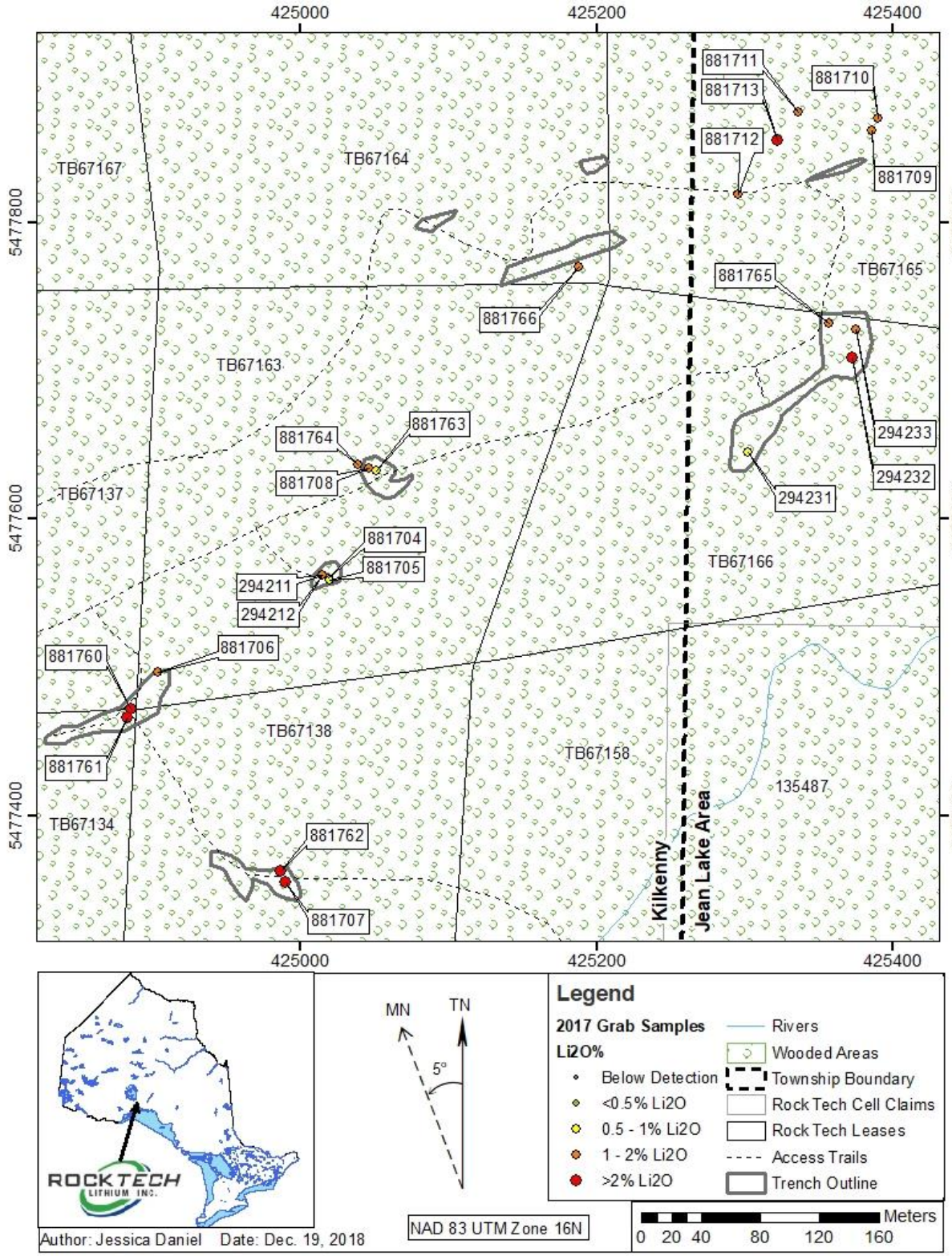

Figure 7. Grab sample results for the Nama Creek area. All samples are of spodumene pegmatite.

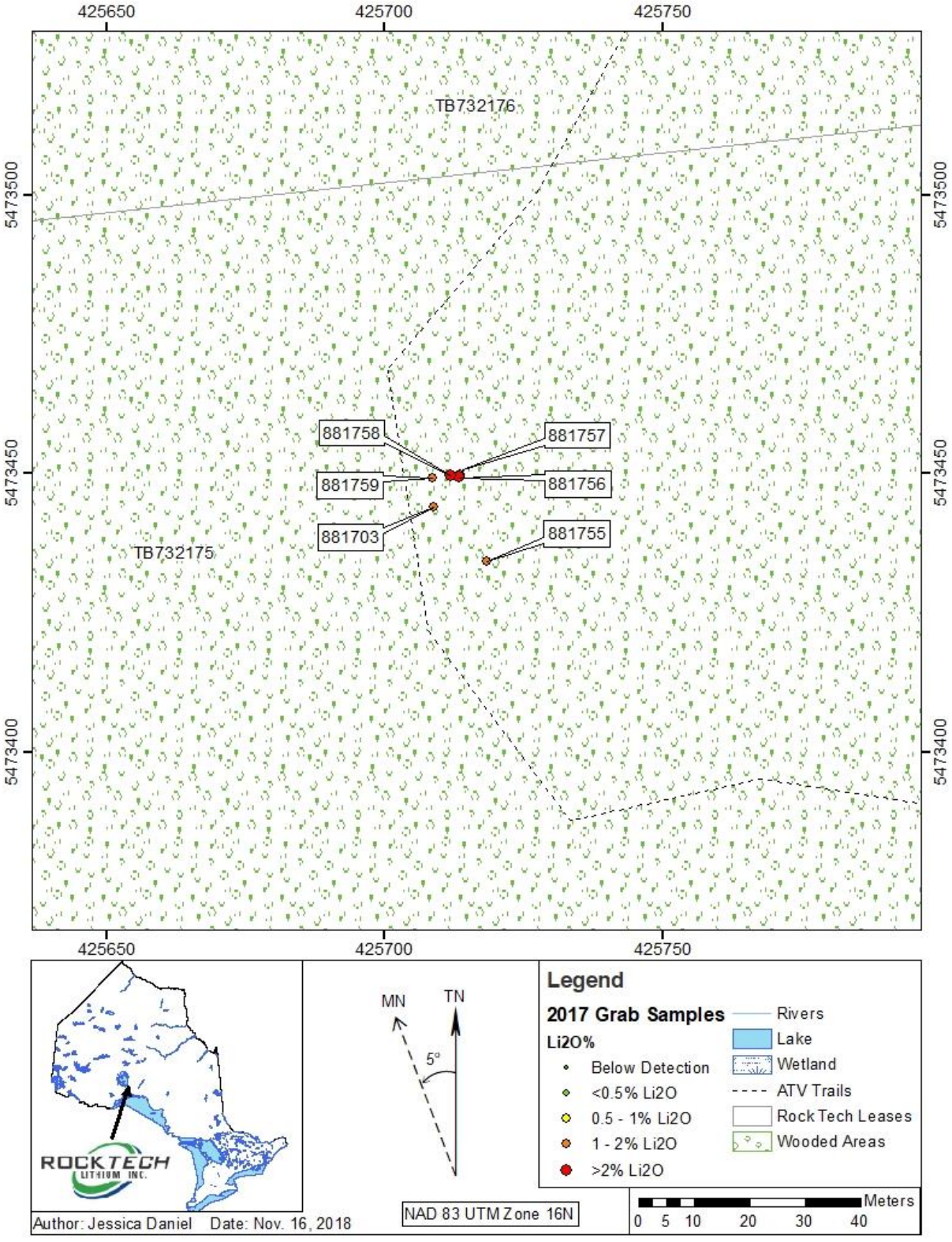

Figure 8. Grab sample results for the McVittie area. All samples are of spodumene pegmatite.

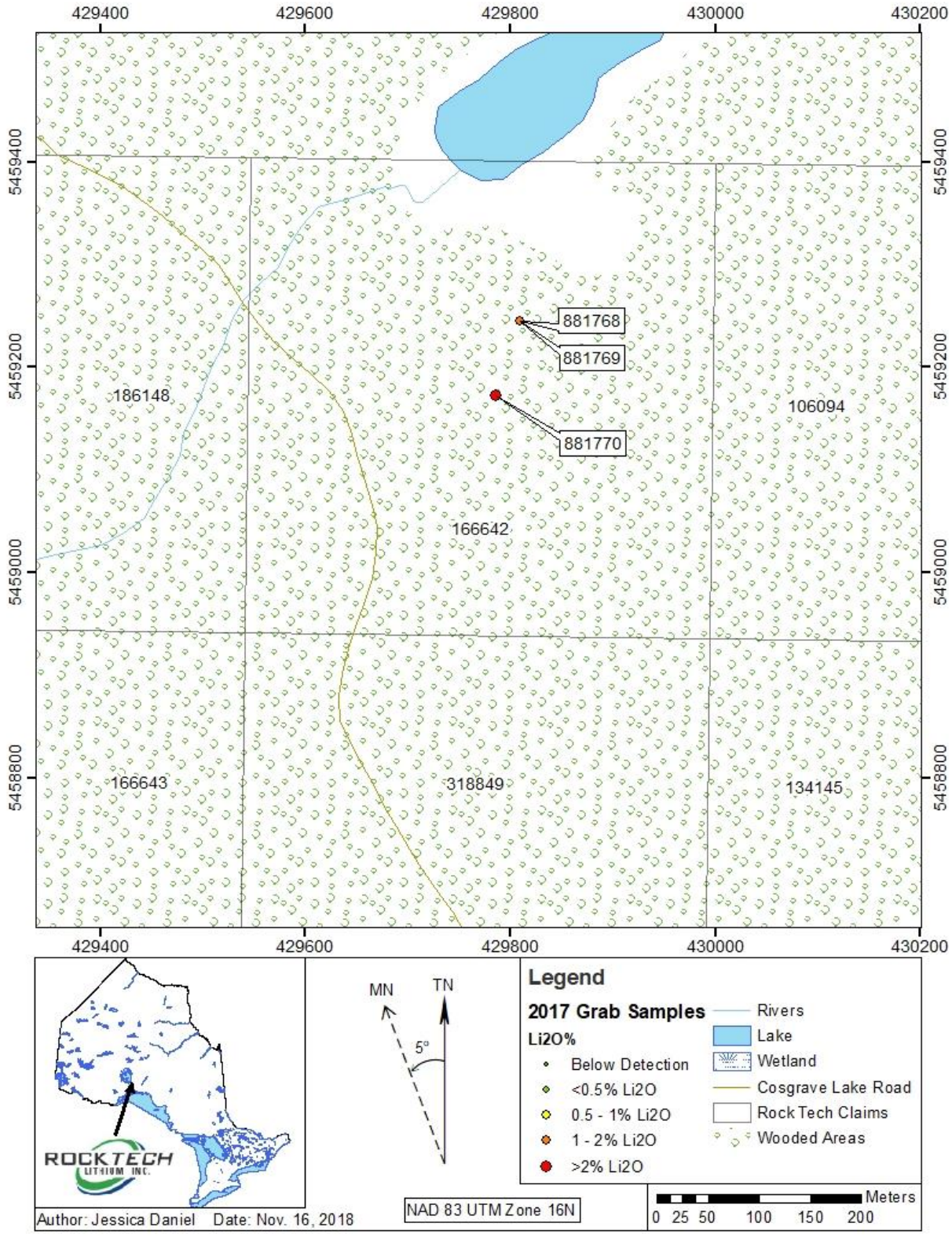

Figure 9. Grab sample results for the Georgia pegmatite area. All samples are of spodumene pegmatite boulders.

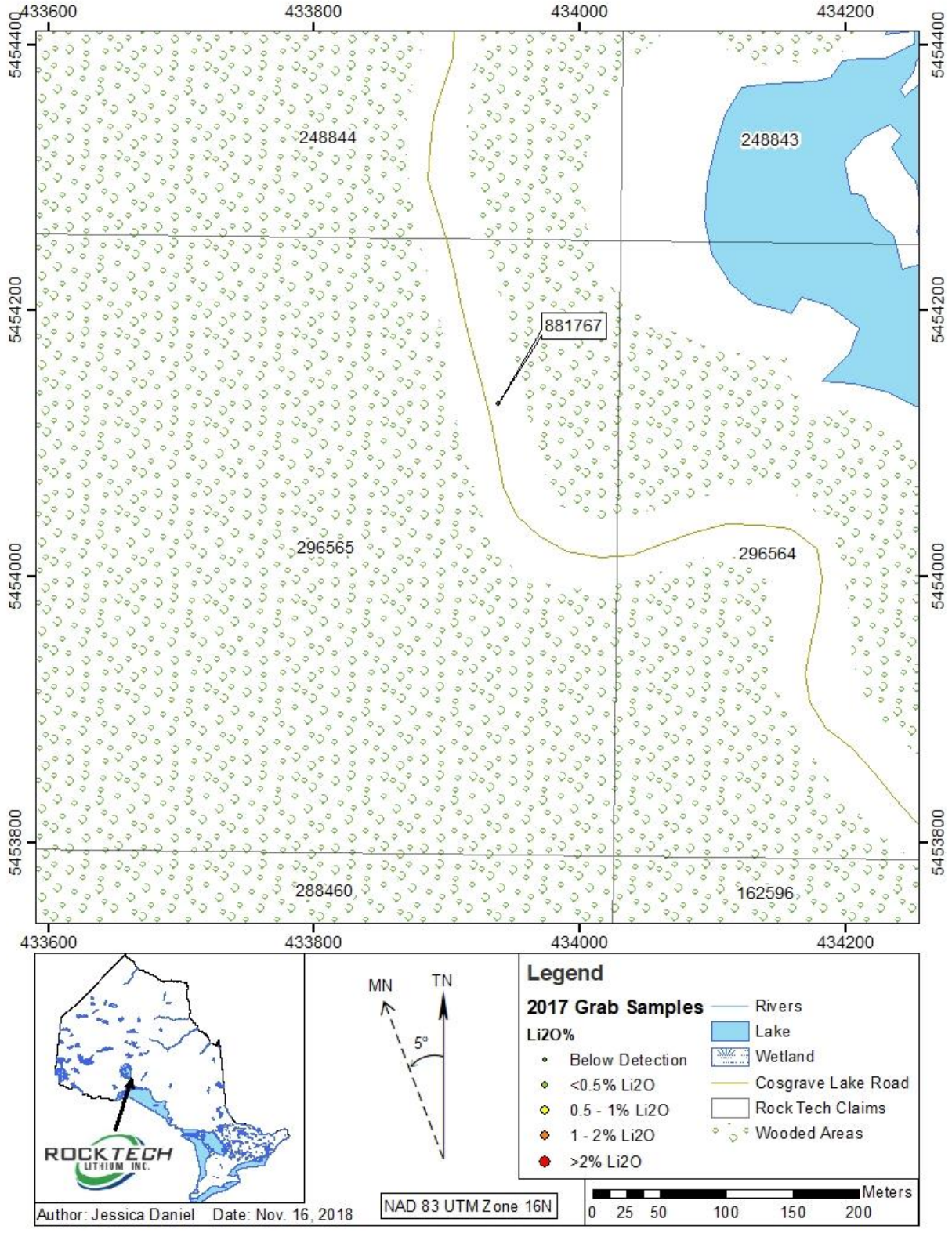

Figure 10. Grab sample result for the Cosgrave Lake area. Sample is of quartz-albite pegmatite.

8.0 Channel Sampling

Trenching followed by channel sampling was completed on three areas adjacent to the MZN resource area. All channel logs are in Appendix D and the daily work log is in Appendix E.

Excavation work was completed using the following equipment noted in Table 7.

Table 7. Equipment used in trenching.

Equipment	Type	Rate
Excavator	2009 CAT 320L	$139.50/hour
ATVs	2 ATVS	$275/day
	1 Side by Side 1 Ski-doo	
Water Pumps	1X Wajax	$125/day
	1X Honda WX15	
Hose	40 x 100' hoses	$100/day
Channel Saws	2X Stihl 420	$150/day

Trenching and channel sampling commenced on October 17, 2017 and was completed on November 24, 2017. In total, 17 channels were cut for a total of 58.23m. GPS coordinates in NAD 83 UTM Zone 16 North and azimuths of the channels were surveyed upon completion of the cutting. A total of 78 samples were collected including 8 QA/QC samples inserted into the sample stream. This included 4 blanks and 4 standards.

8.1 Channel Sampling Procedures

Channels were cut perpendicular to dyke contacts, mostly beginning and ending in the host rock. Sample lengths were kept close 1m, though individual sample length was determined based on internal zoning of the dykes and the locations of their contacts. Geological logging was completed by lithologic unit.

Each sample was put into its own plastic sample bag with a sample tag and closed with zip ties. Reference material was inserted into the sample stream and consisted of the following:

- A high-grade standard
- A low-grade standard
- Blank material

The material was entered in the following order:

- Standards: Every 20 samples, alternating high and low standards (Sample numbers that end in 00, 20, 40, 60, 80)
- Blanks: Every 20 samples (Sample numbers that end in 10, 30, 50, 70, 90)

Samples were sent to ActLabs in Geraldton for preparation and subsequently sent to their laboratory in Ancaster for analysis of lithium using a sodium peroxide fusion plus ICP-OES. 41 other elements, including major oxides, were also analysed for using fusion plus ICP-OES or ICP-MS. Loss on ignition was also determined. Specific gravity was determined for every tenth sample. All assay certificates are in Appendix F.

8.2 Channel Sampling Results

Seventeen channels were cut into dykes in the Nama Creek area (Table 8, Figures 11-14). Several of these returned anomalous results (Table 9).

Table 8. Channel sample information for 2017 channels.

Channel ID	Lease No.	Easting	Northing	Length (m)	Elevation (m)	Azimuth	Dip
NC-CH-17-01	TB67166	425319.12	5477677.34	3.4	371	154	0
NC-CH-17-02	TB67166	425354.66	5477735.01	5.4	371	80	0
NC-CH-17-03	TB67166	425353.45	5477722.74	5.3	370	55	0
NC-CH-17-04	TB67165	425198.04	5477839.22	3.6	372	138	0
NC-CH-17-05	TB67165	425193.56	5477835.34	2.8	372	155	0
NC-CH-17-06	TB67165	425203.12	5477789.99	2.2	372	165	0
NC-CH-17-07	TB67164	425169.33	5477776.17	3.5	371	142	0
NC-CH-17-08	TB67164	425155.09	5477770.58	3.7	371	150	0
NC-CH-17-09	TB67163	425045.19	5477638.73	4.2	369	40	0
NC-CH-17-10	TB67163	425055.43	5477618.75	5.2	369	150	0
NC-CH-17-11	TB67163	425067.02	5477623.86	2.7	370	20	0
NC-CH-17-12	TB67163	425016.53	5477566.09	1.13	370	175	0
NC-CH-17-13	TB67163	425018.04	5477558.69	1.7	370	170	0
NC-CH-17-14	TB67163	425018.2	5477559.32	0.2	370	80	0
NC-CH-17-15	TB67166	425301.75	5477658.92	5.2	371	100	0
NC-CH-17-16	TB67166	425305.3	5477663.21	4.5	371	88	0
NC-CH-17-17	TB67166	425367.27	5477703.72	3.5	372	152	0

Table 9. Significant results from 2017 channel sampling.

Channel ID	From	To	Length	Li_2O %
NC-CH-17-01	1.00	2.40	1.40	0.87
NC-CH-17-02	0.70	4.70	4.00	1.06
NC-CH-17-03	1.00	3.00	2.00	1.18
NC-CH-17-04	0.75	2.80	2.05	0.76
NC-CH-17-05	0.50	2.30	1.80	0.71
NC-CH-17-07	0.80	2.80	2.00	0.95
NC-CH-17-08	1.50	3.40	1.90	1.31
NC-CH-17-09	0.70	3.20	2.50	1.38
NC-CH-17-11	0.70	1.70	1.00	1.09
NC-CH-17-15	1.50	4.70	3.20	1.01
NC-CH-17-16	1.50	3.00	1.50	0.95
NC-CH-17-17	0.50	3.00	2.50	1.56

Most channels intersected spodumene-bearing pegmatite within metasediment and returned anomalous grades of lithium. Three channels (NC-CH-17-12, -13, and -14) were cut only into pegmatite in an area with greater alteration and lesser amounts of spodumene. These short channels into the pegmatite were cut to test lithium content in this area and were ultimately found lacking in anomalous grades. Channel sampled dykes are located to the south of the eastern extent of the MZN resource area.

The best grades and widest intersections were found in the western-most sampled dyke. The lowest grades were from the eastern-most sampled dykes which are located near a diabase dyke.

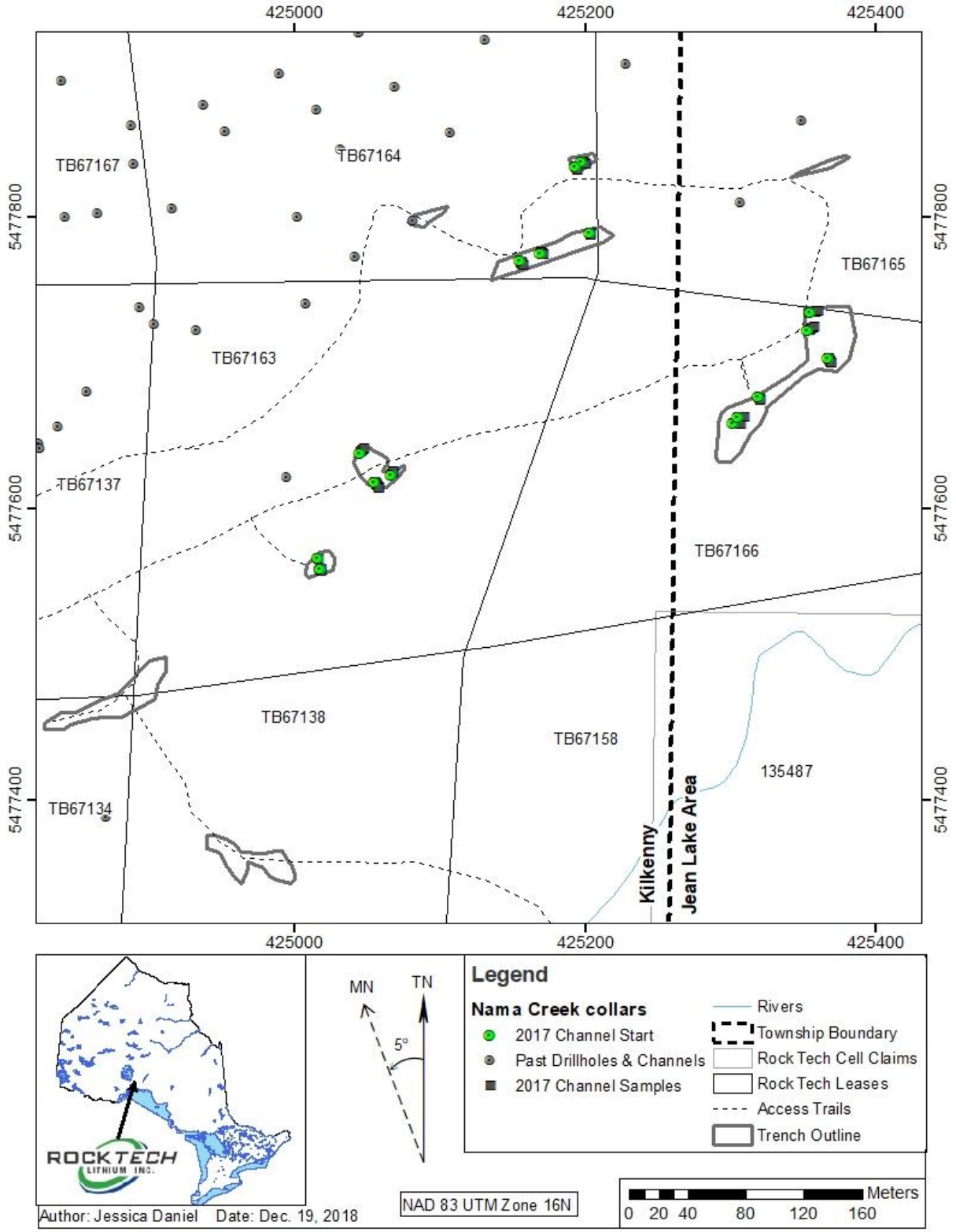

Figure 11. 2017 trenching areas overview.

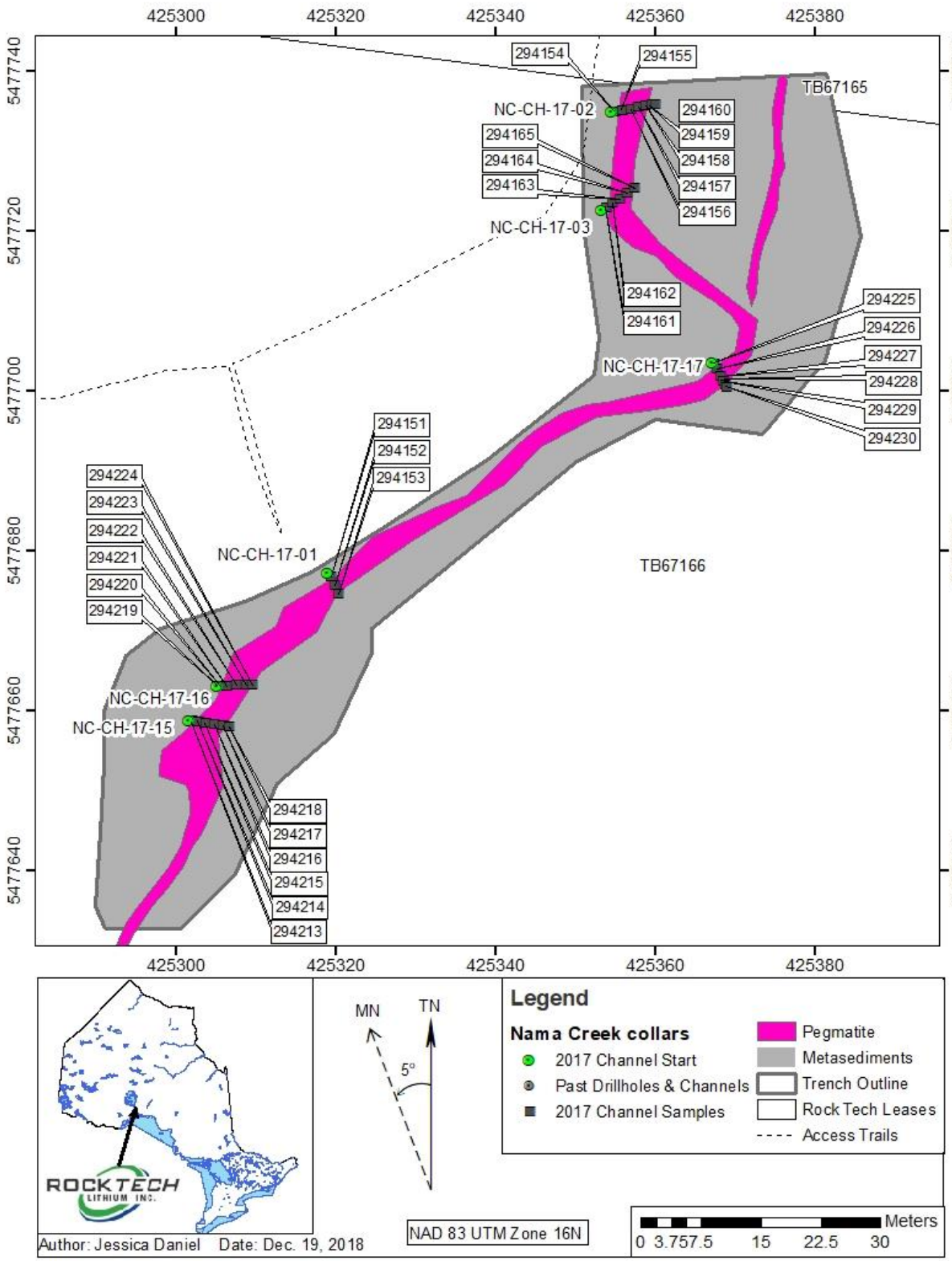

Figure 12. Channel samples NC-CH-17-01, -02, -03, -15, -16, and -17.

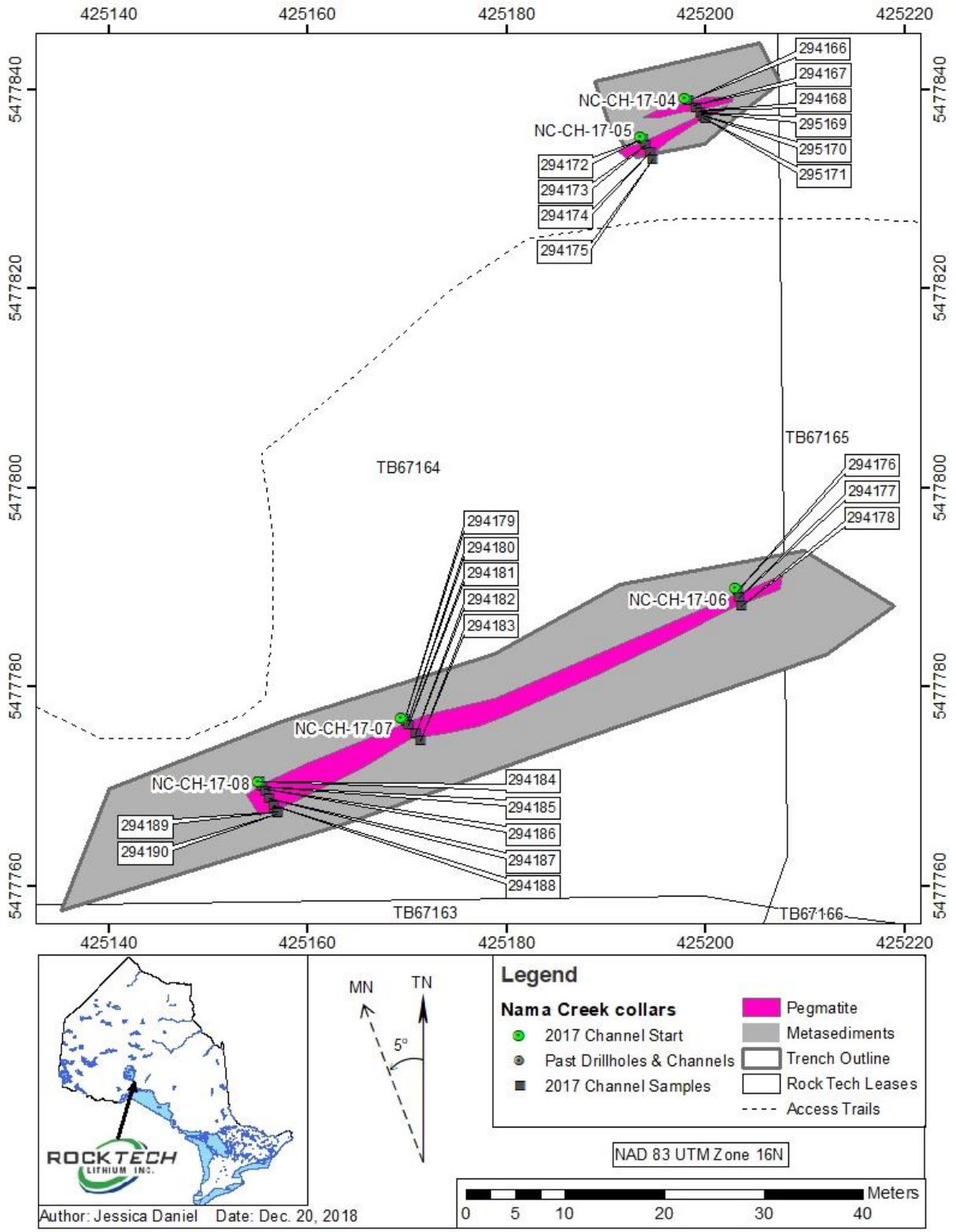

Figure 13. Channel samples NC-CH-17-04, -05, -06, -07, and -08.

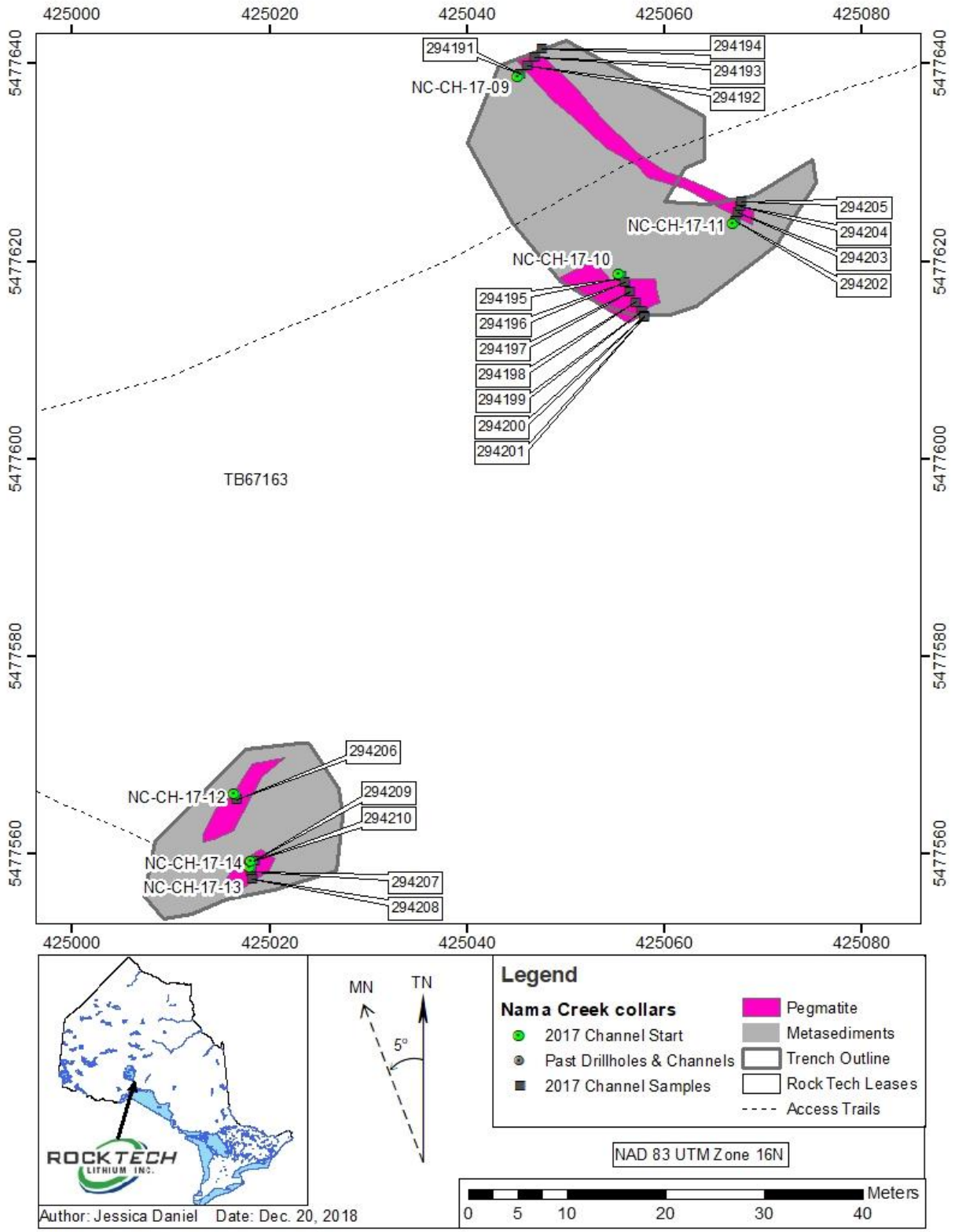

Figure 14. Channel samples NC-CH-17-09, -10, -11, -12, -13, and -14.

9.0 Interpretations and Conclusions

Exploration campaigns completed at Georgia Lake during 2017 were largely successful. Drilling at the Brink prospect on the Aumacho property was effective at confirming the two, sub-parallel dykes that had previously been discovered. This program built upon previous drilling and channel sampling on the property and more fully shows the location of and mineralization present in each dyke. The upper dyke was found to be wider and more uniformly mineralized than the lower dyke. It is believed that the upper dyke is what comes to surface and was sampled in channels from 2011 and 2016.

Prospecting at McVittie and Nama Creek was successful in locating spodumene-bearing dykes. The pegmatite dyke channel sampled in 2016 at McVittie was followed further north with prospecting and grab samples. Lithium grades for these samples was high and shows the dyke continues to be prospective.

Several samples taken immediately to the south of the MZN resource returned anomalous results and indicated the presence of further mineralized dykes in the area. These samples were followed up by trenching and channel sampling. One of the areas that was channel-sampled returned somewhat low lithium grades, though spodumene-bearing pegmatite was encountered. This decline in grades is likely due to alteration stemming from a nearby diabase dyke. While the area immediately adjacent to the diabase might not have returned encouraging results, the other channel sampled dykes did. Future exploration should focus on these areas given their proximity to the MZN resource.

Work should continue on the Georgia Lake property, especially in the area of high-grade grab samples to assess potential is in these areas. This should include further field work to determine width and strike extent of dykes near to the MZN resource. Drilling and channel sampling should take place on the McVittie and Aumacho dykes to assess their extensions along strike and down dip.

10.0 References

Breaks, F.W., Selway, J.B. and Tindle, A.G. (2008): The Georgia Lake rare-element pegmatite field and related S-type, peraluminous granite, Quetico Subprovince, north-central Ontario; Ontario Geological Survey, Open File Report 6199, 176p.

Pye, E.G. (1965): Georgia Lake Area, Ontario Department of Mines, Geological Report No. 31.

Williams, H.R. (1991): Quetico Subprovince; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, p.383-404.

Appendix A – Drill Logs

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-01

Target: Aumacho
Claim #: 3009119
Easting: 427289.76
Northing: 5461423.1
Elevation: 426
Coordinates In: UTM 16N NAD83

Total Depth: 92
Azimuth: 155
Dip: -45
Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-07
Drilling Company: Major Drilling
Drill Start Date: 2017-05-03
Drill End Date: 2017-05-04

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	1.4	OB	Casing	46.1	46.4	Spodumene	4	12.8	FRCT	50	43.64	43.64	881560	-0.01	Blank
1.4	41.62	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout, see minor lithogies for descriptions					34.75	CTC	50	43.64	44.71	881561	0.06	
								35.06	CTC	60	44.71	46.18	881562	0.14	
								44.71	CTC	70	46.18	47	881563	0.04	
								48.85	CTC	70	47	48	881564	0.39	
								53.79	CTC	60	48	48.85	881565	2.04	Dup
								53.95	CTC	70	48	48.85	881566	2.02	Duplicate of 881565
								54.73	CTC	80					
								56.1	CTC	60	48.85	49.85	881567	0.08	
								85.25	VN	35	53.83	54.77	881568	0.1	
41.62	43.64	QFB Dike	fine grained quartz groundmass with coarse k-spar grains with 10% light green muscovite, possibly an altered portion of the granite close to the Spd peg, has some relic fabric of the granite, with minor to trace biotite, overall groundmass has a light green tinge, due to f.g. to v.f.g muscovite								54.77	56.1	881569	0.16	
											56.1	56.1	881570	0.77	Low Standard
											56.1	57.1	881571	0.13	
43.64	44.71	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout, see minor lithogies for descriptions												
44.71	48.85	SPD PEG	Patchy coarse grained light to dark green spodumene mineralization 7-10%, with an estimated 10-30cm wide k-spar crystals (estimated, much larger than core diameter), 2% fine grained apatite, with rare blue grains up to 8mm wide, 2% of spodumene is estimate to be greater than 10cm long, patchy green muscovite up to 10% of interval with patches of strong alteration resulting in green muscovite see minor litho												

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ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-01

Target: Aumacho
Claim #: 3009119
Easting: 427289.76
Northing: 5461423.1
Elevation: 426
Coordinates In: UTM 16N NAD83

Total Depth: 92
Azimuth: 155
Dip: -45

Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-07
Drilling Company: Major Drilling
Drill Start Date: 2017-05-03
Drill End Date: 2017-05-04

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
48.85	53.79	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout, see minor lithogies for descriptions												
53.79	53.95	QF PEG	1% coarse grained spodumene light green near lower contact, medium grained quartz and k-spar, tr biotite, 2% v.c.g black tourmaline crystals in a vein-like portion of the dike up to 8cm long												
53.95	54.73	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout, see minor lithogies for descriptions												
54.73	56.1	SPD PEG	coarse grained spodumene 5%, light green with a few dark green crystals, w/ inclusions of Granite up to 8cms, 2% silvery muscovite and 2% green muscovite up to 2-3cm long flakes. ~60% quartz and less feldspar than typical spodumene bearing pegmatite in this area												
56.1	77.81	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout, see minor lithogies for descriptions												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-02

Target: Aumacho
Claim #: 3009119
Easting: 427289.76
Northing: 5461423.1
Elevation: 426
Coordinates In: UTM 16N NAD83

Total Depth: 80
Azimuth: 155
Dip: -85

Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-08
Drilling Company: Major Drilling
Drill Start Date: 2017-05-04
Drill End Date: 2017-05-05

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
1.25	45.07	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout					33.5	FRCT	10	44	45.07	881572	0.1	
								45.07	CTC	60	45.07	46.1	881573	1.04	
								50.2	CTC	80	46.1	47	881574	0.59	
								50.7	CTC	20	47	48	881575	0.03	
								51.27	CTC	60	48	49	881576	0.94	
								53.95	VN	80	49	50.2	881577	0.3	
								57.48	CTC	80	50.2	50.7	881578	0.1	
0	1.25	OB	Casing					59.62	CTC	70	50.7	51.27	881579	0.52	
45.07	50.2	SPD PEG	Very coarse grained k-spar, greater than core diameter, patchy with v.c.grained quartz crystals. green muscovite associated with quartz along grain boundaries (5%), coarse grained spodumene sporadic throughout (<10%), lower contact grades to fine grained equal amounts of qtz and k-spar with 2-3% fine grained apatite (blue) and fine to medium flakes of 3-4% green to silvery muscovite (refer to minor lithologies), small clust of spodumene crystals up to 30% for last 10cm @lower contact to GR								51.27	51.27	881580	-0.01	Blank
											51.27	52.27	881581	0.07	
											56.48	57.48	881582	0.09	
											57.48	58.83	881583	2.24	
											58.83	59.62	881584	0.11	
											59.62	60.62	881585	0.05	Duplicate
											59.62	60.62	881586	0.05	Duplicate of 881585
50.2	50.7	GR	sharp contact, possily fragment of Gr in SPD PEG, 2-5cm of muscovite on margins but interior not altered, typical granite, same as wallrock												
50.7	51.27	SPD PEG	v.c.g k-spar and quartz with medium to fine grained green to silver muscovite and 10% spoduemen light green medium grained crystals and 3 large dark green spod crystals in interior of dike												
51.27	57.48	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 15% biotite throughout												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-02

Target: Aumacho
Claim #: 3009119
Easting: 427289.76
Northing: 5461423.1
Elevation: 426
Coordinates In: UTM 16N NAD83

Total Depth: 80
Azimuth: 155
Dip: -85

Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-08
Drilling Company: Major Drilling
Drill Start Date: 2017-05-04
Drill End Date: 2017-05-05

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
57.48	59.62	SPD PEG	higher grade spodumene pegmatie with coarse light green spod dominating upper contact and middle of dike, lower contact grades to finer grain groundmass, increase in green muscovite and presence of 2% fine grained apatite w/ fine to medium grain light red garnets, subhedral, trace fine grained black oxide minerals, 15-18% spodumene												
59.62	80	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 25% biotite throughout												
80	80		EOH												

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ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-03

Target: Aumacho
Claim #: 3009119
Easting: 427253.4
Northing: 5461435.43
Elevation: 425
Coordinates In: UTM 16N NAD83

Total Depth: 86
Azimuth: 145
Dip: -60

Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-09
Drilling Company: Major Drilling
Drill Start Date: 2017-05-05
Drill End Date: 2017-05-06

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	1.48	OB	Casing												
1.48	61.37	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 20% biotite throughout					40.3 44.35	FRCT VN	75 60	60.37	61.37	881587	0.11	
61.37	66.5	SPD PEG	v.c.g k-spar, weakly fracture (50%), various grain sizes through interval, with pathces of aplite and muscovite rich zones associated with minor 1-2% apatite fine grained. Sporadic spodumene mineralization from v.c.g to fine grained light green with a few dark green crystals. See minor lithologies for detailed zones.	61.3 62.6 64.1 66.1	62.6 64.1 65.1 67.1	Spodumene Spodumene Spodumene Spodumene	3 10 5 6	61.37	CTC	70	61.37 62.37 63.37 63.37 64.37 65.37	62.37 63.37 63.37 64.37 65.37 66.5	881588 881589 881590 881591 881592 881593	1.07 1.4 1.58 0.74 0.66 1.69	High Standard
66.5	74.28	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 15% biotite throughout					66.5 73.16	CTC CTC	85 80	66.5 73.28	67.5 74.28	881594 881595	0.12 0.09	
74.28	75.58	SPD PEG	coarse grained k-spar and spoduemene, minor coarse quartz grains with quartz mainly being fine grained groundmass, patches of tourmaline and apatite near lower contact spaced by v.c.g k-spar, 5% green muscovite, <10% spodumene					74.28	CTC	80	74.28	75.58	881596	1.34	
75.58	85.06	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 15% biotite throughout					75.58	CTC	50	75.58	76.58	881597	0.07	
85.06	85.3	QFM PEG	medium grained with 10% coarse grains, sharp contact, with coarse grains in middle of dike, 40% quartz/40% k-spar with cluster of medium grained tourmaline (3-5%) in middle of dike, 2-3% green					85.06	CTC	30					

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-03

Target: Aumacho
Claim #: 3009119
Easting: 427253.4
Northing: 5461435.43
Elevation: 425
Coordinates In: UTM 16N NAD83

Total Depth: 86
Azimuth: 145
Dip: -60
Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-09
Drilling Company: Major Drilling
Drill Start Date: 2017-05-05
Drill End Date: 2017-05-06

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
85.3	86	GR	Medium grained granite, v. weak foliation exhibited by biotite, 10% biotite in granite up to 1cm wide flakes of biotite, tr fine grained disseminated, a few patches of 15% biotite throughout					85.3	CTC	25					
86	86		EOH												

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ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-04

Target: Aumacho
Claim #: 3009119
Easting: 427269.59
Northing: 5461437.1
Elevation: 432
Coordinates In: UTM 16N NAD 83

Total Depth: 80
Azimuth: 150
Dip: -50
Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-10
Drilling Company: Major Drilling
Drill Start Date: 2017-05-06
Drill End Date: 1900-01-07

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	2	OB	Casing												
2	59.47	GR	Medium graine granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas					32 57.5	FRCT FRCT	50 20	58.47	59.47	881598	0.1	
59.47	64.25	SPD PEG	V.c.g spodumene and k-spar, minor muscovite, medium grained <3%, light green. ~15-20% spodumene, minor patches of <30cm of aplite,	60.6	64.2	Spodumene	12	59.47	CTC	80	59.47 60.5 60.5 61.5 62.5 63.5	60.5 60.5 61.5 62.5 63.5 64.5	881599 881600 881601 881602 881603 881604	3.18 0.02 2.67 1.84 3.01 3.07	Blank
64.25	70.07	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas					64.25	CTC	70	64.5 64.5 69	65.5 65.5 70.07	881605 881606 881607	0.12 0.12 0.09	Dup Duplicate of 881605
70.07	71.8	SPD PEG	v.c.g. spodumene and k-spar, spod 15-18%, finer grained quartz as groundmass between the v.c. crystals, minor pacths of green muscovite, with small aplite near center of dike, small clusters of tourmaline 1%, minor zones of f.g feldspar but groundmass is mainly quartz	71.2	71.8	Spodumene	10	70.7	CTC	80	70.07 71.1	71.1 71.8	881608 881609	0.57 0.05	
71.8	80	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas					71.8 76.1	CTC VN	70 75	71.8 71.8	71.8 72.8	881610 881611	0.78 0.05	Low Standard
80	80		EOH												

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ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-05

Target: Aumacho
Claim #: 3009119
Easting: 427268.1
Northing: 5461435
Elevation: 432
Coordinates In: UTM 16N NAD 83

Total Depth: 92
Azimuth: 180
Dip: -50

Comments:
Set-up moved ~3m South as a boulder prevented the 30° turn in Azimuth

Logged By: Alex Pleson
Date Logged: 2017-05-10
Drilling Company: Major Drilling
Drill Start Date: 2017-05-07
Drill End Date: 2017-05-07

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	1.9	OB	Casing												
1.9	64.75	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. 5% chlorite alteration ass. to fractures, slight green tinge mainly related to fractured areas					2.71 36.52 47.25	VN VN FRCT	40 20 40	63.75	64.75	881612	0.11	
64.75	70.94	SPD PEG	v.c.g. spod green, 18% with v.c.g feldspar, and finer quartz groundmass, 4% medium grained silvery/green muscovite, tr fine grained pink garnet, lower 1/2 of dike grades to aplite with pink/red staining and patches of up to 2% apatite blue and beryl? red or possible v. red garnets? aplite has 6-8% spodumene medium grained	64.7 68.3	67.5 70.9	Spodumene Spodumene	20 20	64.75	CTC	70	64.75 65.75 66.5 67.54 68.5 69.4	65.75 66.5 67.54 68.5 69.4 70.94	881613 881614 881615 881616 881617 881618	2.07 4 3.19 0.26 0.14 1.48	
70.94	71.38	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. 5% chlorite alteration ass. to fractures, slight green tinge mainly related to fractured areas					70.94	CTC	50	70.94	71.55	881619	0.19	
71.38	71.55	SPD PEG	coarse spd (%15) and albite, a few specs of apatite, 2-3% silvery to green muscovite, tr reddish orange fine grained mineral (beryl?)					71.38	CTC	50					
71.55	72.8	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. 5% chlorite alteration ass. to fractures, slight green tinge mainly related to fractured areas					71.55	CTC	65	71.55 71.55 72.55	71.55 72.55 73.08	881620 881621 881622	-0.01 0.19 0.03	Blank
72.8	73.08	SPD PEG	coarse spd (%15) and albite, a few specs of apatite, 2-3% silvery to green muscovite, tr reddish orange fine grained			1 of 2		72.8	CTC	85					

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-05

Target: Aumacho
Claim #: 3009119
Easting: 427268.1
Northing: 5461435
Elevation: 432
Coordinates In: UTM 16N NAD 83

Total Depth: 92
Azimuth: 180
Dip: -50

Comments:
Set-up moved ~3m South as a boulder prevented the 30° turn in Azimuth

Logged By: Alex Pleson
Date Logged: 2017-05-10
Drilling Company: Major Drilling
Drill Start Date: 2017-05-07
Drill End Date: 2017-05-07

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
73.08	81.93	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. 5% chlorite alteration ass. to fractures, slight green tinge mainly related to fractured areas					73.08 76.2	CTC FRCT	60 10	73.08 81	74 81.97	881623 881624	0.1 0.04	
81.93	82.35	SPD PEG	12-15% spod medium grained along margin of a granite phenocryst in peg, with tourmaline growth, spod it perpendicular to margin plane, 5% green muscovite					81.97	CTC	80	81.97 81.97	82.37 82.37	881625 881626	0.02 0.03	Duplicate Duplicate of 881625
82.35	84.13	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. 5% chlorite alteration ass. to fractures, slight green tinge mainly related to fractured areas					82.37	CTC	55	82.37 83	83 84.13	881627 881628	0.06 0.05	
84.13	84.6	APL	aplite with 4-5% green muscovite, <1% apatite, tr red/brown/orange mineral					84.14	CTC	45	84.13	84.6	881629	-0.01	
84.6	92	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. 5% chlorite alteration ass. to fractures, slight green tinge mainly related to fractured areas					84.6	CTC	40	84.6 84.6	84.6 85.6	881630 881631	1.53 0.03	High Standard
92	92		EOH												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-06

Target: Aumacho
Claim #: 3009119
Easting: 427285.11
Northing: 5461453.56
Elevation: 428
Coordinates In: UTM 16N NAD 83

Total Depth: 74
Azimuth: 144
Dip: -55

Comments:

Logged By: Alex Pleson
Date Logged: 2017-05-12
Drilling Company: Major Drilling
Drill Start Date: 2017-05-08
Drill End Date: 2017-05-09

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	4.55	OB	Casing												
4.55	47	GR	Medium graine granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas					10.1 15.5	FRCT FRCT	10 50	46	47	881632	0.1	
47	52.82	SPD PEG	18-20% spodumene, higher concentration on margins with minor musc/alteration on margins of dike, first portion of dike has small aplite, refer to minor litho, tr f.g oxides and tr tourmaline, <1% apatite (blue/green)	48.9 51.3	51.3 52.8	Spodumene Spodumene	24 8	47 52.8	CTC CTC	85 80	47 48.2 48.97 50 51.3 51.93	48.2 48.97 50 51.3 51.93 52.83	881633 881634 881635 881636 881637 881638	0.15 0.12 2.56 2.36 0.09 0.36	
52.82	60	GR	Medium graine granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas								52.83 53.83 59	53.83 53.83 60	881639 881640 881641	0.09 -0.01 0.1	Blank
60	63.1	SPD PEG	v.c.g spodumene (15-18%) with 4% green muscovite, up to 1cm aquamarine beryl crystals, 8 visible crystals, <1% of interval, coarse grained k-spar, tr v.f grained black oxide minerals	60 61.8	61.8 63.1	Spodumene Spodumene	18 4	60	CTC	50	60 61 62	61 62 63.1	881642 881643 881644	3.16 2.38 0.03	
63.1	74	GR	Medium graine granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas					63.1	CTC	90	63.1 63.1 63.52	63.52 63.52 64.52	881645 881646 881647	0.01 0.01 0.04	Dup Duplicate of 881645
74	74		EOH			1 of 1									

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-07

Target: Aumacho
Claim #: 3009119
Easting: 427309.13
Northing: 5461476.04
Elevation: 433
Coordinates In: UTM 16N NAD 83

Total Depth: 80
Azimuth: 70
Dip: -50

Comments:
Collar moved as planned location was too steep to level drill

Logged By: Alex Pleson
Date Logged: 2017-05-12
Drilling Company: Major Drilling
Drill Start Date: 2017-05-09
Drill End Date: 2017-05-10

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	2.27	OB	Casing												
2.27	8.84	M SED	v. weakly foliated, pelitic, v. dark grey to black, fine grained, 20% biotite, remainder is quartz and carbonate. minor disseminated to fracture control pyrite blebs, less than 1%, fragments/xenoliths of granite within fractured M SED												
8.84	19.83	GR	Medium graine granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas								18.83	19.83	881648	0.11	
19.83	25.63	SPD PEG	10% light green medium grained spodumene, with 6-8% green muscovite associated with spodumene rich sections. v.c.g feldspars with patches of aplite to medium grained quartz and feldspar. tr black f.g oxide minerals associated to felspar rich patches and <1% beryl? with up to 8mm wide crystals (dark blue to green, aquamarine?), tr disseminated f.g apatite. sporadic c.g. quartz crystals usually associated to spodumene	19.8	20.7	Spodumene	18				19.83 20.83 20.83 21.9 23 24.6	20.83 20.83 21.9 23 24.6 25.63	881649 881650 881651 881652 881653 881654	0.05 0.77 0.01 0.02 0.08 0.08	 Low Standard
25.63	54.7	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas					53	VN	70	25.63	26.63	881655	0.05	

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-07

Target: Aumacho
Claim #: 3009119
Easting: 427309.13
Northing: 5461476.04
Elevation: 433
Coordinates In: UTM 16N NAD 83

Total Depth: 80
Azimuth: 70
Dip: -50

Comments:
Collar moved as planned location was too steep to level drill

Logged By: Alex Pleson
Date Logged: 2017-05-12
Drilling Company: Major Drilling
Drill Start Date: 2017-05-09
Drill End Date: 2017-05-10

Rock Description				Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
54.7	60.67	M SED	v. weakly foliated, pelitic, v. dark grey to black, fine grained, 20% biotite, remainder is quartz and carbonate. minor disseminated to fracture control pyrite blebs, less than 1%, fragments/xenoliths of granite within fractured M SED												
60.67	67.87	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas								66.87	67.87	881656	0.06	
67.87	72.2	SPD PEG	20% spoduemene in the upper 75% of dike, lower 25% is a k-spar dominated portion with xenolith of M SED (highly chloritized), intersection of a 65cm (in core) long spodumene crystal light green with some dark dark green fractures in it (chlorite? possibly re-crystalized spodumene?), 1% disseminated apatite and sporadic beryls <1% aqua, medium grained patches of light green to silvery muscovite throughout (minus lower portion which is mainly feldpar).	67.8	70.1	Spodumene	25				67.87	68.33	881657	0.25	
											68.33	69.5	881658	2.69	
											69.5	70.2	881659	2.66	
											70.2	70.2	881660	-0.01	Blank
											70.2	71.8	881661	0.04	
											71.8	72.2	881662	0.04	

2 of 3

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:AM-17-07

Target: Aumacho
Claim #: 3009119
Easting: 427309.13
Northing: 5461476.04
Elevation: 433
Coordinates In: UTM 16N NAD 83

Total Depth: 80
Azimuth: 70
Dip: -50

Comments:
Collar moved as planned location was too steep to level drill

Logged By: Alex Pleson
Date Logged: 2017-05-12
Drilling Company: Major Drilling
Drill Start Date: 2017-05-09
Drill End Date: 2017-05-10

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
72.2	73.2	M SED	v. weakly foliated, pelitic, v. dark grey to black, fine grained, 20% biotite, remainder is quartz and carbonate. minor disseminated to fracture control pyrite blebs, less than 1%, fragments/xenoliths of granite within fractured M SED, with 10% stockwork of the granite, same descrirption as below, <1% disseminated py related to fractures								72.2	73.2	881663	0.09	
73.2	80	GR	Medium grained granite, 10% biotite, patchy with minor intervals of up to 15% biotite, v. weak foliation, patchy intervals of <5% biotite. tr chlorite alteration on fractures, slight green tinge mainly related to fractured areas												
80	80		EOH												

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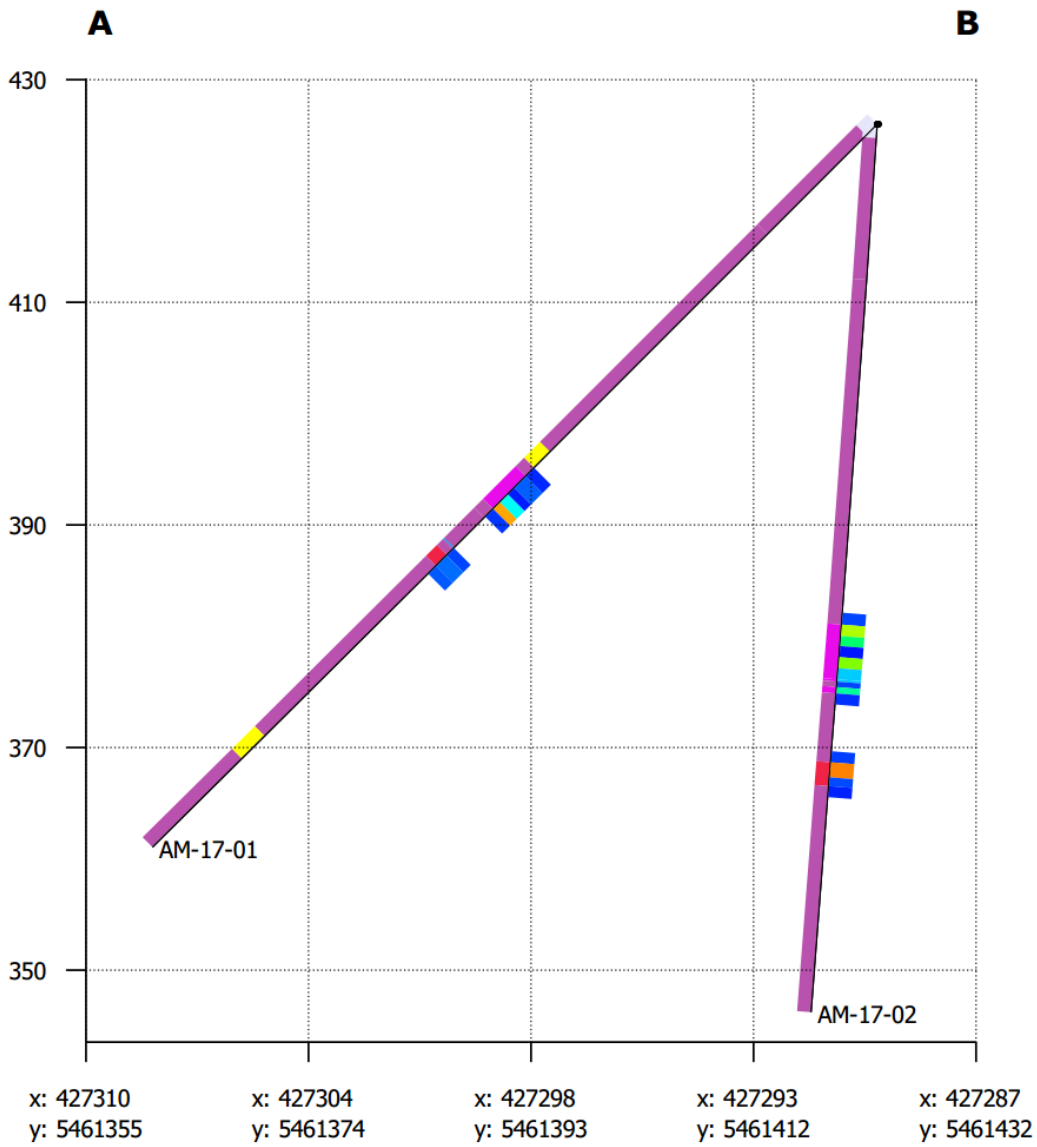
Appendix B – Drill Sections



AM-17-01 02

Legend

Litholog

APL	M SED	QFM PEG
BT GR	OB	SPD PEG 1
GR	QF PEG	SPD PEG 2
M SCH	QFB DIKE	

Li2Opc

0 0.8 1.5 2.3 3

Location

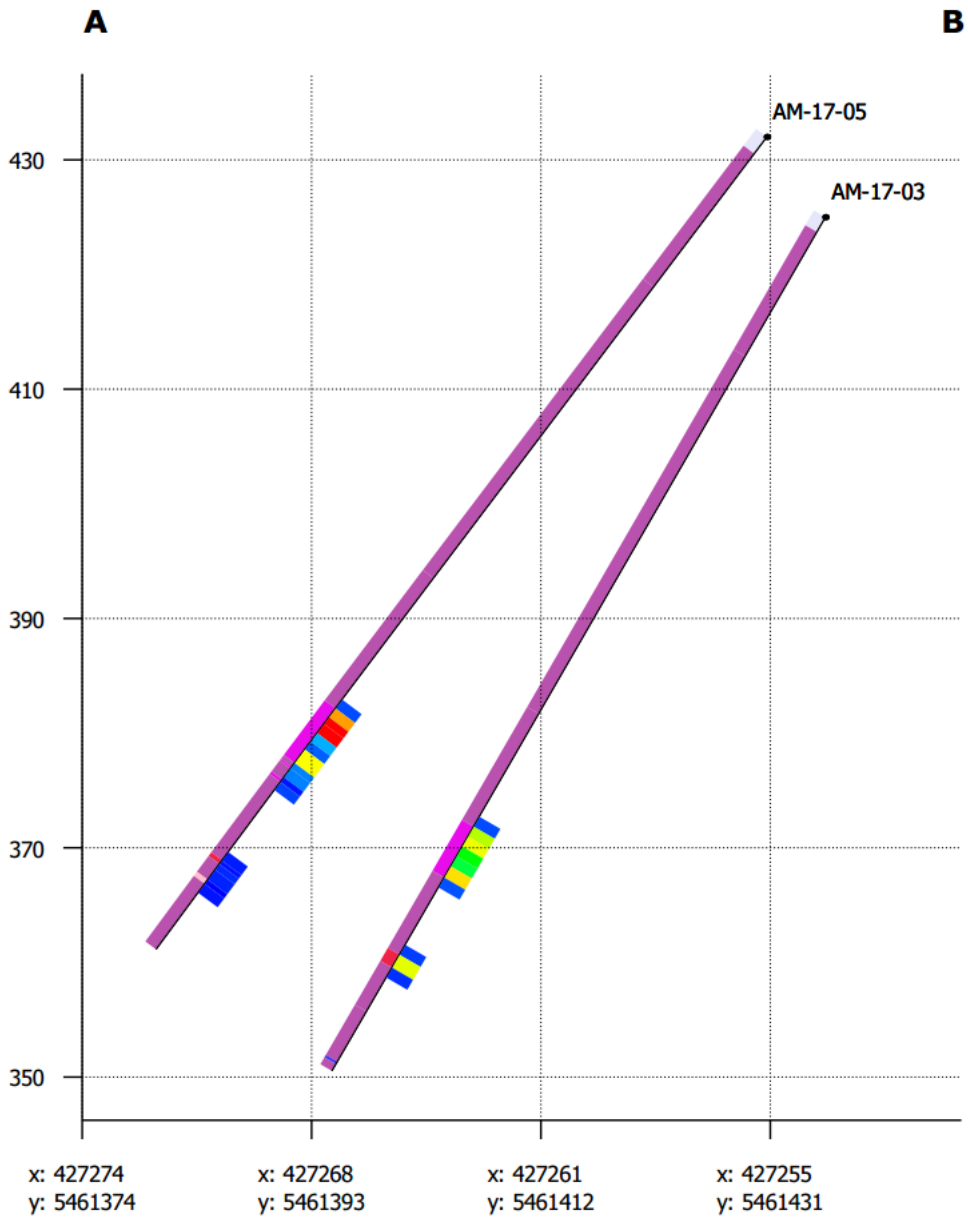
A: 427310, 5461355

B: 427287, 5461432

Scale: 1:600

Vertical exaggeration: 1x

0m 30m



AM-17-03, 05

Legend

Litholog

APL	M SED	QFM PEG
BT GR	OB	SPD PEG 1
GR	QF PEG	SPD PEG 2
M SCH	QFB DIKE	

Li2Opc

0 0.8 1.5 2.3 3

Location

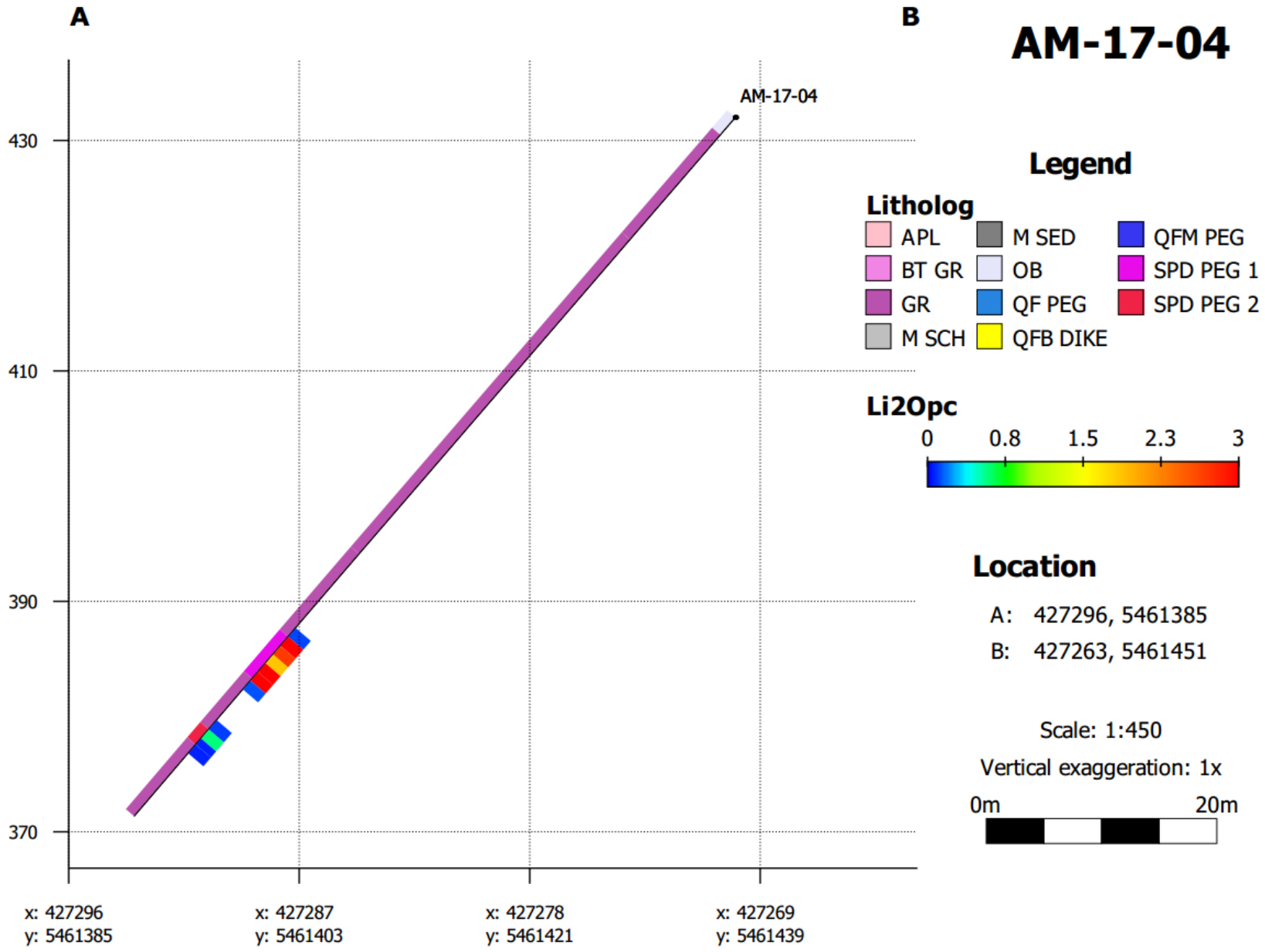
A: 427274, 5461374

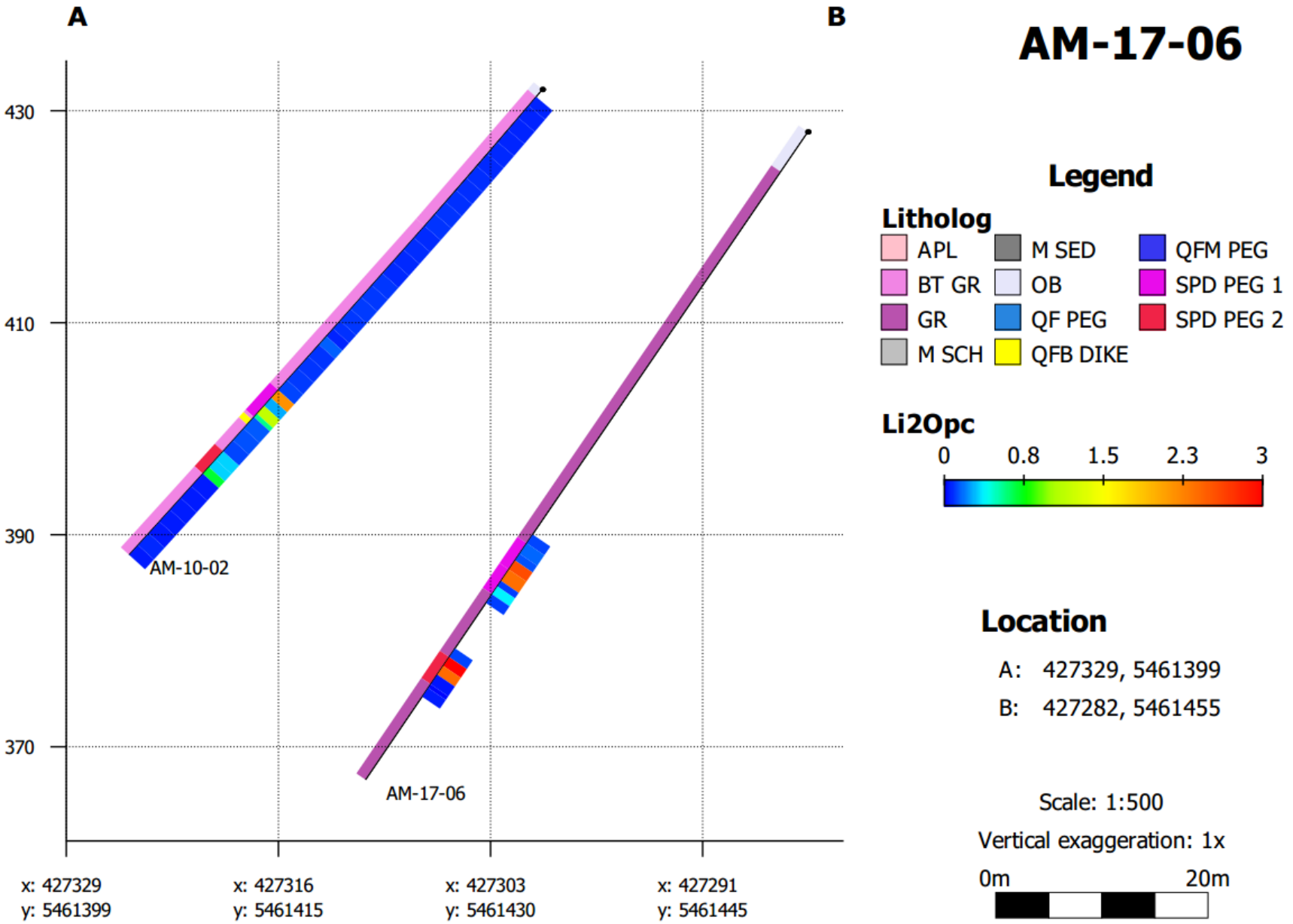
B: 427250, 5461447

Scale: 1:550

Vertical exaggeration: 1x

0m 30m


A
B
AM-17-04
AM-17-04
430
410
390
370
x: 427296
y: 5461385
x: 427287
y: 5461403
x: 427278
y: 5461421
x: 427269
y: 5461439
Legend
Litholog
APL
BT GR
GR
M SCH
M SED
OB
QF PEG
QFB DIKE
QFM PEG
SPD PEG 1
SPD PEG 2
Li2Opc
0
0.8
1.5
2.3
3
Location
A: 427296, 5461385
B: 427263, 5461451
Scale: 1:450
Vertical exaggeration: 1x
0m
20m



AM-17-06

Legend

Litholog

APL	M SED	QFM PEG
BT GR	OB	SPD PEG 1
GR	QF PEG	SPD PEG 2
M SCH	QFB DIKE	

Li2Opc

0 0.8 1.5 2.3 3

Location

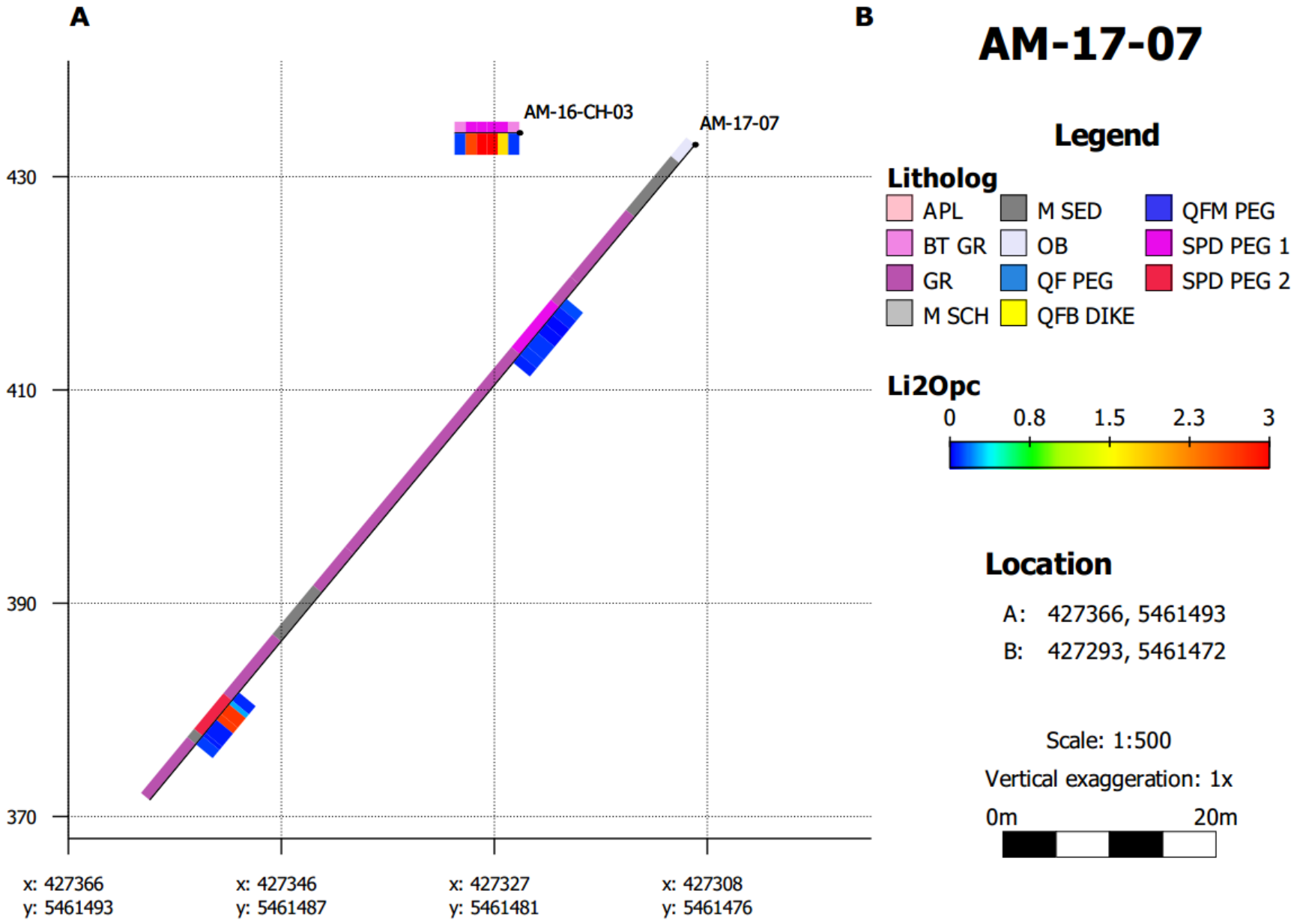
A: 427329, 5461399

B: 427282, 5461455

Scale: 1:500

Vertical exaggeration: 1x

0m 20m


A
B
AM-16-CH-03
AM-17-07
430
410
390
370
x: 427366
y: 5461493
x: 427346
y: 5461487
x: 427327
y: 5461481
x: 427308
y: 5461476
AM-17-07
Legend
Litholog
APL
BT GR
GR
M SCH
M SED
OB
QF PEG
QFB DIKE
QFM PEG
SPD PEG 1
SPD PEG 2
Li2Opc
0
0.8
1.5
2.3
3
Location
A: 427366, 5461493
B: 427293, 5461472
Scale: 1:500
Vertical exaggeration: 1x
0m
20m

Appendix C – Grab Sampling Results

Sample #	Sampler	Easting	Northing	Lithology	Li_2O%
881703	L. Goodman	425709	5473444	Spodumene Pegmatite	1.93
881704	L. Goodman	425019	5477561	Spodumene Pegmatite	0.21
881705	L. Goodman	425020	5477559	Spodumene Pegmatite	0.97
881706	L. Goodman	424904	5477497	Spodumene Pegmatite	1.21
881707	L. Goodman	424990	5477355	Spodumene Pegmatite	2.35
881708	L. Goodman	425046	5477634	Spodumene Pegmatite	1.02
881709	L. Goodman	425386	5477862	Spodumene Pegmatite	1.49
881710	L. Goodman	425390	5477870	Spodumene Pegmatite	1.55
881711	L. Goodman	425336	5477874	Spodumene Pegmatite	1.68
881712	L. Goodman	425295	5477819	Spodumene Pegmatite	1.99
881713	L. Goodman	425322	5477855	Spodumene Pegmatite	2.12
881755	A. Pleson	425718	5473434	Spodumene Pegmatite	1.99
881756	A. Pleson	425714	5473449	Spodumene Pegmatite	2.31
881757	A. Pleson	425714	5473450	Spodumene Pegmatite	1.7
881758	A. Pleson	425712	5473450	Spodumene Pegmatite	2.01
881759	A. Pleson	425709	5473449	Spodumene Pegmatite	1.72
881760	A. Pleson	424885	5477472	Spodumene Pegmatite	2.02
881761	A. Pleson	424884	5477466	Spodumene Pegmatite	2.05
881762	A. Pleson	424986	5477362	Spodumene Pegmatite	2.47
881763	A. Pleson	425051	5477633	Spodumene Pegmatite	0.59
881764	A. Pleson	425039	5477637	Spodumene Pegmatite	1.89
881765	A. Pleson	425357	5477732	Spodumene Pegmatite	1.88
881766	A. Pleson	425188	5477770	Spodumene Pegmatite	1.11
881767	A. Pleson	433939	5454130	Pegmatite	<0.01
881768	A. Pleson	429810	5459245	Spodumene Pegmatite	1.33
881769	A. Pleson	429810	5459245	Spodumene Pegmatite	1.41
881770	A. Pleson	429786	5459173	Spodumene Pegmatite	2.5
294211	A. Pleson	425015	5477562	Spodumene (Tourmaline) Pegmatite	0.31
294212	A. Pleson	425015	5477562	Spodumene Pegmatite	1.31
294231	A. Pleson	425302	5477645	Spodumene Pegmatite	0.76
294232	A. Pleson	425372	5477709	Spodumene Pegmatite	2.28
294233	A. Pleson	425375	5477728	Spodumene Pegmatite	1.42

Appendix D – Channel Logs

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-01

Target: MZSP6
Claim #: TB67166
Easting: 425319.12
Northing: 5477677.34
Elevation: 371
Coordinates In: NAD 83 UTM 16N

Total Depth: 3.4
Azimuth: 154
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-10-29
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	1	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								0	1	294151	0.21	
1	2.4	SPD	up to 5cm long spod crystals, pale green, large patches of qtz, <10% aplite	1	2.4	SPD	5	1	CTC	70	1	2.4	294152	0.87	
2.4	3.4	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								2.4	3.4	294153	0.26	
3.4	3.4		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-02

Target: MZSP6
Claim #: TB67166
Easting: 425354.66
Northing: 5477735.01
Elevation: 371
Coordinates In: NAD 83 UTM 16N

Total Depth: 5.4
Azimuth: 80
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-10-31
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.7	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								0	0.7	294154	0.24	
0.7	4.7	SPD	up to 10cm long spod crystals, v. pale green, wk fractured, minor <10cm patches of aplite, v. coarse grained feldspar, equal amounts of f.g to m.g quartz	0.7	4.7	SPD	20	0.7	CTC	75	0.7 1.7 2.8 3.8	1.7 2.8 3.8 4.7	294155 294156 294157 294158	0.97 1.46 0.5 1.29	
4.7	5.4	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								4.7	5.4	294159	0.32	
5.4	5.4		EOH								5.4	5.4	294160	0.77	Low Standard

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-03

Target: MZSP6
Claim #: TB67166
Easting: 425353.45
Northing: 5477722.74
Elevation: 370
Coordinates In: NAD 83 UTM 16N

Total Depth: 5.3
Azimuth: 55
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-10-31
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	1	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								0	1	294161	0.14	
1	4.3	SPD	4-8cm long spod crystals, pale green, medum grained feldspar and quartz, minor rusty colour to feldspars,	2 3	3 4.3	SPD SPD	22 12	1	CTC	78	1 2 3	2 3 4.3	294162 294163 294164	0.67 1.68 0.02	
4.3	5.3	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								4.3	5.3	294165	0.19	
5.3	5.3		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-04

Target: MZSP5
Claim #: TB67165
Easting: 425198.04
Northing: 5477839.22
Elevation: 372
Coordinates In: NAD 83 UTM 16N

Total Depth: 3.6
Azimuth: 138
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-01
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.75	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								0	0.75	294166	0.21	
0.75	1.9	SPD	Patchy spodumene, pale green, tr black oxides, tr apatite	0.75	1.9	SPD	20	0.75	CTC	55	0.75	1.9	294167	0.87	
1.9	2.25	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. strong musc alteration on margin to SPD PEG, small xenolith of M SED in dyke								1.9	2.25	294168	0.2	
2.25	2.8	SPD	pale green spodumene up to 7cm long, massive white feldspar on margins to M SED								2.25	2.8	294169	0.9	
2.8	3.6	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin to SPD PEG								2.8 2.8	2.8 2.8	294170 294171	-0.0 0.09	Blank
3.6	3.6		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-05

Target: MZSP5
Claim #: TB67165
Easting: 425193.56
Northing: 5477835.34
Elevation: 372
Coordinates In: NAD 83 UTM 16N

Total Depth: 2.8
Azimuth: 155
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-01
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.5	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								0	0.5	294172	0.2	
0.5	2.3	SPD	f. to m.g pale green spodumene, minor pink tinge to c.g feldspars, 50/50 qtz and feldspar	0.5	2.3	SPD	16	0.5	CTC	75	0.5 1.3	1.3 2.3	294173 294174	0.54 0.84	
2.3	2.8	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								2.3	2.8	294175	0.16	
2.8	2.8		EOH												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-06

Target: MZSP5
Claim #: TB67165
Easting: 425203.12
Northing: 5477789.99
Elevation: 372
Coordinates In: NAD 83 UTM 16N

Total Depth: 2.2
Azimuth: 165
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-01
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.4	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins, 10% pale reddish garnets, minor staurolite								0	0.4	294176	0.28	
0.4	1.6	SPD	patchy pale green spodumene, matrix dominated by white c.g feldspar, weakly fractured, minor muscovite, m.g to c.g tourmaline	0.4	1.6	SPD	5	0.4	CTC	65	0.4	1.6	294177	0.36	
1.6	2.2	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								1.6	2.2	294178	0.16	
2.2	2.2		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-07

Target: MZSP5
Claim #: TB67164
Easting: 425169.33
Northing: 5477776.17
Elevation: 371
Coordinates In: NAD 83 UTM 16N

Total Depth: 3.5
Azimuth: 142
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-02
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.8	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								0	0.8	294179	0.24	
0.8	2.8	SPD	patchy pale green spodumene crystals, f.g, dominated by c.g white feldspar and tourmaline crystals, minor green muscovite	0.8	2.8	SPD	25	0.8	CTC	70	0.8	0.8	294180	1.52	High Standard
											0.8	1.8	294181	0.47	
											1.8	2.8	294182	1.42	
2.8	3.5	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								2.8	3.5	294183	0.38	
3.5	3.5		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-08

Target: MZSP5
Claim #: TB67164
Easting: 425155.09
Northing: 5477770.58
Elevation: 371
Coordinates In: NAD 83 UTM 16N

Total Depth: 3.7
Azimuth: 150
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-02
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.2	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								0	0.2	294184	0.25	
0.2	0.9	SPD	weak m.g pale green spod, minor tourmaline with rusty to white feldspars m.g to c.g,	0.2	1.5	SPD	10				0.2	0.9	294185	0.04	
0.9	1.5	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								0.9	1.5	294186	0.24	
1.5	3.4	SPD	m.g pale green spod, minor tourmaline with rusty to white feldspars m.g to c.g,	1.5	3.4	SPD	22	1.5	CTC	55	1.5 2.4	2.4 3.4	294187 294188	1.14 1.46	
3.4	3.7	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								3.4	3.7	294189	0.26	
3.7	3.7		EOH								3.7	3.7	294190	-0.0	Blank

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-09

Target: MZSP4
Claim #: TB67163
Easting: 425045.19
Northing: 5477638.73
Elevation: 369
Coordinates In: NAD 83 UTM 16N

Total Depth: 4.2
Azimuth: 40
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-03
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.7	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								0	0.7	294191	0.18	
0.7	3.2	SPD	minor spodumene mineralization in a potassium rich dyke, m.g spodumene, light green	0.7	3.2	SPD	5	0.7	CTC	50	0.7 2.1	2.1 3.2	294192 294193	1.43 1.32	
3.2	4.2	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								3.2	4.2	294194	0.21	
4.2	4.2		EOH												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-10

Target: MZSP4
Claim #: TB67163
Easting: 425055.43
Northing: 5477618.75
Elevation: 369
Coordinates In: NAD 83 UTM 16N

Total Depth: 5.2
Azimuth: 150
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-03
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.5	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								0	0.5	294195	0.21	
0.5	4.9	SPD	minor spodumene mineralization in a potassium rich dyke, m.g spodumene, light green	0.5	4.9	SPD	10	0.5	CTC	30	0.5	1.5	294196	0.05	
											1.5	2.7	294197	0.48	
											2.7	3.9	294198	0.05	
											3.9	4.9	294199	0.02	
4.9	5.2	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								4.9	4.9	294200	0.76	Low standard
											4.9	5.2	294201	0.17	
5.2	5.2		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-11

Target: MZSP3
Claim #: TB67163
Easting: 425067.02
Northing: 5477623.86
Elevation: 370
Coordinates In: NAD 83 UTM 16N

Total Depth: 2.7
Azimuth: 20
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-03
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.7	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								0	0.7	294202	0.17	
0.7	2.1	SPD	minor spod, pale green, up to 5cm long crystals, matrix dominated by potassic feldspar and rusty quartz, minor tourmaline	0.7	2.1	SPD	7	0.7	CTC	50	0.7 1.7	1.7 2.1	294203 294204	1.09 0.29	
2.1	2.7	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								2.1	2.7	294205	0.16	
2.7	2.7		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-12

Target: MZSP3
Claim #: TB67163
Easting: 425016.53
Northing: 5477566.09
Elevation: 370
Coordinates In: NAD 83 UTM 16N

Total Depth: 1.13
Azimuth: 175
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-10
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	1.13	SPD	highly alt spodumene, (mostly green musc), rare dark green spod crystals up to 4cm long, potassic rich feldspars make up majority of matrix	0	1.13	SPD	5	0	CTC	70	0	1.13	294206	0.09	

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-13

Target: MZSP3
Claim #: TB67163
Easting: 425018.04
Northing: 5477558.69
Elevation: 370
Coordinates In: NAD 83 UTM 16N

Total Depth: 1.7
Azimuth: 170
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-10
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.85	SPD	wk. f.g spod in pink-feldspar matrix, minor tourmaline	0	1.7	SPD	8	0	CTC	70	0	0.85	294207	0.39	
0.85	1.7	SPD	wk. f.g spod in pink-feldspar matrix, minor tourmaline								0.85	1.7	294208	0.02	
1.7	1.7		EOH												

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-14

Target: MZSP3
Claim #: TB67163
Easting: 425018.2
Northing: 5477559.32
Elevation: 370
Coordinates In: NAD 83 UTM 16N

Total Depth: 0.2
Azimuth: 80
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-10
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.2	QFM	QFM peg with 10% purplish wavy lepidolite, check for Li % in assay	0	0.2	SPD	0	0	CTC	70	0	0.2	294209	0.08	
											0.2	0.2	294210	-0.0	Blank

1 of 1

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-15

Target: MZSP5
Claim #: TB67166
Easting: 425301.75
Northing: 5477658.92
Elevation: 371
Coordinates In: NAD 83 UTM 16N

Total Depth: 5.2
Azimuth: 100
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-14
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.5	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								0	0.5	294213	0.2	
0.5	4.7	SPD	strong spod mineralization, pale green, abnormal orientation, lineation not parallel to dyke margin, minor tourmaline, rusty c.g feldspar and f.g quartz matrix	0.5 1.5	1.5 4.7	SPD SPD	5 18	0.5	CTC	72	0.5 1.5 2.5 3.6	1.5 2.5 3.6 4.7	294214 294215 294216 294217	0.02 0.48 1.36 1.13	
4.7	5.2	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								4.7	5.2	294218	0.2	
5.2	5.2		EOH												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-16

Target: MZSP5
Claim #: TB67166
Easting: 425305.3
Northing: 5477663.21
Elevation: 371
Coordinates In: NAD 83 UTM 16N

Total Depth: 4.5
Azimuth: 88
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-17
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.5	M SED	f.g dark, mica and quartz rich sandstone, wk foliation, wk fractured. wk musc alteration on margin								0	0.5	294219	0.28	
0.5	4	SPD	K-spar rich Spd Peg, medium to coarse grained, dyke is shallow lying with 1 sample containing ~35% M SED, very shallow contact	0.5 1.5 3	1.5 3 4	SPD SPD SPD	8 16 5	0.5	CTC	75	0.5 0.5 1.5 3	0.5 1.5 3 4	294220 294221 294222 294223	1.59 0.2 0.95 0.04	High Standard
4	4.5	QFB	f.g. mica rich, dark grey to black, porhp feldspar and quartz eyes								4	4.5	294224	0.2	
4.5	4.5		EOH												

ROCKTECH LITHIUM INC.

Gerogia Lake Project

Drill Hole ID:CH-17-17

Target: MZSP5
Claim #: TB67166
Easting: 425367.27
Northing: 5477703.72
Elevation: 372
Coordinates In: NAD 83 UTM 16N

Total Depth: 3.5
Azimuth: 152
Dip: 0

Comments:

Logged By: Alex Pleson
Date Logged: 2017-11-17
Drilling Company:
Drill Start Date:
Drill End Date:

		Rock Description		Mineralization				Structural			Assays				
From	To	Lithology	Comments	From	To	Mineral	Mineral %	Depth	Structure	Degrees TCA	From	To	Sample ID	Li2O %	QAQC Type
0	0.5	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								0	0.5	294225	0.14	
0.5	3	SPD	minor spod mineraliztion, pale green, mixed with tourmaline crystals, low grade in a rusty reddish feldspar and quartz matrix with f.g and v.c.g feldspars	0.5 2.5	2.5 3	SPD SPD	18 5	0.5	CTC	65	0.5 1.5 2.5	1.5 2.5 3	294226 294227 294228	0.97 1.53 2.8	
3	3.5	M SED	f.g. mica rich, dark grey to black, dominated by quartz eyes, fractured, late stage quartz veins								3	3.5	294229	0.17	
3.5	3.5		EOH								3.5	3.5	294230	-0.0	Blank

Appendix E – Daily Work Logs

Date	Area	Claim	Notes
15-Aug	Mainzone East	TB108984	Prospecting lowlands east of mainzone
16-Aug	Mainzone East	TB108995	Continue with traverse to the east of the MZN towards Camp 38 showing
17-Aug	McVittie	TB732175	Prospect along east side of known occurrence
18-Aug	McVittie	TB732175	survey historic DDH collars, try and locate DDH collars from 1980's drill without success
19-Aug	McVittie	TB732175	Prospect dyke beside known occurrence missed in 2016 trenching
20-Aug	Mainzone		Prospect historic dyke locations identified in the 1955-1957 work
21-Aug	Mainzone		Prospect historic dyke locations identified in the 1955-1957 work
22-Aug	Mainzone		Prospect historic dyke locations identified in the 1955-1957 work
23-Aug	Mainzone		Prospect historic dyke locations identified in the 1955-1957 work
24-Aug	Mainzone		Prospect historic dyke locations identified in the 1955-1957 work
25-Aug	Aumacho		Prospect for pegmatite east of main Aumacho/Brink occurrence
26-Aug	Aumacho		Prospect and map historic DDH collars found while prospecting
26-Aug	Georgia Pegmatites (South of Aumacho)	166642	Cut access trail into Georgia Pegmatite occurrence based on Pye 1995 report location, begin prospecting
27-Aug	Georgia Pegmatites (South of Aumacho)	166642	Prospecting around proposed location of occurrence, sample boulders found by Luke Goodman
28-Aug	Cosgrave Pegmatite	296565	Begin prospecting for historic showing based on previous government work
29-Aug	Cosgrave Pegmatite	296565	Prospecting for historic showing

Trenching and Channel Sampling															
Date	**Location**	**Dave (Excavator)**	**Alex**	**Amede**	**Doug**	**Prospector**	**Chainsaw**	**Pump**	**Ski-doo/Mule**	**Travel (km)**	**Hose**	**Channel Saws**	**Gas**	**Supplies**	**Note**
October															
November															
2017-11-24	Name Creek MZ East	X	0.50												*Float*
2017-11-23															
2017-11-22	Name Creek MZ East	X	X						*X*	*X*					*DEMOB?*
2017-11-21	Name Creek MZ East	X	X		X	X		X	*X*	*X*	X		*X*		*Finishing P5/P5A trenches*
2017-11-20	Name Creek MZ East	X	X		X	X		*X*	*X*	*X*	*X*	*X*	*X*		*Connected trenches of P5 to P5A*
2017-11-19															
2017-11-18	Name Creek MZ East	X	X												*Connected trenches of P5 to P5A*
2017-11-17	Name Creek MZ East	X	X	X	X	X		*X*	*X*	*X*	*X*	*X*			*Trenching P5 eastern extent towards P5A*
2017-11-16	Name Creek MZ East	X	X						X	X					*Trenching P5, channel sampling P5*
2017-11-15	Name Creek MZ East	X	X	X	X	X		*X*	*X*	*X*	*X*	*X*	*X*		*Trenching P5, channel sampling P5*
2017-11-14	Name Creek MZ East	X	X	X	X	X	X	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*Trenching P5, channel sampling P5*
2017-11-13	Name Creek MZ East	X	X	X	X	X		*X*	*X*	*X*	*X*	*X*	*X*		*Trenching P5, start channel sampling P5*
2017-11-12	Name Creek MZ East		X						X	X					Log samples from P3
2017-11-11	Name Creek MZ East	X													Trenching P5
2017-11-10	Name Creek MZ East	X	X	X	X	X	X	*X*	*X*	*X*	*X*	*X*	*X*		*finish trenching P3 and move to P5, begin trenching P5*
2017-11-09	Name Creek MZ East	X	X	X	X	X	X	*X*	*X*	*X*	*X*	*X*			*trenching MZSP3, channel sampling MZSP3*
2017-11-08	Name Creek MZ East	X	X		X		X	X	*X*	X	X				trenching on MZSP2, move to MZSP3 (west extension of P5 possibly)
2017-11-07	Name Creek MZ East	X	X	X	X	2X			*X*	*X*					trenching on MZSP1
2017-11-06	Name Creek MZ East	X	X		X	2X		*X*	*X*	*X*	*X*	*X*	*X*	*X*	trenching on MZSP1, lay new hose line to the L.Postagoni River
2017-11-05															
2017-11-04	Name Creek MZ East	X	0.5	X	X	2X	2X	*X*	*X*	*X*	*X*	*X*	*X*		trenching on MZSP1, small trench on MZSP2 while mob'ing to P1
2017-11-03	Name Creek MZ East	X	X	X	X	2X	2X	*X*	*X*	*X*	*X*	*X*	*X*		finish trenching P4, move to P1, channel sample P4
2017-11-02	Name Creek MZ East	X	X	X	X	2X	X	*X*	*X*	*X*	*X*	*X*	*X*		trenching on MZSP4, cutting P4,
2017-11-01	Name Creek MZ East	X	X	X	X	2X	X	*X*	*X*	*X*	*X*	*X*	*X*		trenching on MZSP5, mob to MZSP4, logging P5A and P5 samples
2017-10-31	Name Creek MZ East	X	X	X	X	2X	X	*X*	*X*	*X*	*X*	*X*	*X*	*X*	trenching on MZSP5. channel sampling P5
2017-10-30	Name Creek MZ East	X	X	X	X	2X	X	*X*	*X*	*X*	*X*	*X*	*X*	*X*	trenching on MZSP5A, channel sampling P5A, logging last weeks samples
2017-10-29	Name Creek MZ East		X												logging P6 and P6A samples
2017-10-28	Name Creek MZ East	X													
2017-10-27	Name Creek MZ East	X		X					X			X	X		trenching on MZSP5A, channel sampling P5A
2017-10-26	Name Creek MZ East	X	X	X				X	X	X	X	X	X		trenching on MZSP5A, channel sampling P6A, logging
2017-10-25	Name Creek MZ East	X	X	X	X			X	X	X	X	X	X		trenching on MZSP6A, channel sampling P6, logging
2017-10-24	Name Creek MZ East		X	X	X		X	X	X	X	X	X	X		trenching on MZSP6A, channel sampling P6, logging
2017-10-23	Name Creek MZ East	X	X	X	X		X	X	X	X	X	X	X	X	trenching on MZSP6A, channel sampling P6, logging
2017-10-22															
2017-10-21	Name Creek MZ East	X	X						X	X					trenching on MZSP6A,
2017-10-20	Name Creek MZ East	X	0.5						X	X					trenching on MZSP6
2017-10-19	Name Creek MZ East	X	X				X		X	X					trenching on MZSP6
2017-10-18	Name Creek MZ East	X	X						X	X					make trail from MZ road to MZSP6, start trenching
2017-10-17	Beardmore-Nama Creek	X	X				X		X	X					Float/Mob to Main zone

Appendix F – Certificates of Analysis

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-May-17
Invoice No.: A17-04920 (i)
Invoice Date: 13-Jun-17
Your Reference:

Rock Tech Lithium Inc.
600 777 Hornby Street
Vancouver BC V6Z 1S4
Canada

ATTN: Brad Barnett - Invoices

CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4Litho-Pegmatite Special Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion

Code Specific Gravity Pulp

REPORT **A17-04920 (i)**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +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	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881539	63.79	15.67	6.11	0.112	2.73	2.20	3.37	2.27	0.536	0.20	2.01	99.01	16	29	116	130	20	60	50	70	23	2	< 5
881540	55.43	17.83	8.52	0.131	3.02	6.98	3.80	2.19	1.174	0.41	0.76	100.2	20	3	154	30	21	20	30	100	25	2	< 5
881541	67.75	17.63	2.27	0.066	0.98	1.20	3.06	3.50	0.176	0.41	2.72	99.77	8	12	47	50	5	20	< 10	40	49	3	< 5
881542	58.99	16.28	5.53	0.137	2.49	4.14	2.32	2.87	0.475	1.09	4.99	99.31	13	34	86	130	14	60	< 10	60	43	2	< 5
881543	75.66	15.29	0.82	0.050	0.19	0.48	4.39	1.95	0.039	0.07	1.33	100.3	< 1	85	9	< 20	2	< 20	< 10	< 30	37	3	< 5
881544	64.18	15.86	6.56	0.096	3.08	2.15	3.31	2.55	0.604	0.14	1.83	100.4	17	5	128	150	21	70	30	110	19	1	< 5
881545	59.91	17.11	6.65	0.088	3.32	2.46	2.50	3.53	0.645	0.28	1.97	98.46	18	21	131	130	25	80	50	90	25	3	< 5
881546	59.63	17.26	6.80	0.085	3.32	2.83	2.44	3.45	0.640	0.33	2.02	98.81	17	21	129	120	23	80	60	80	24	3	< 5
881547	73.34	17.51	0.67	0.151	0.09	0.37	4.16	1.93	0.014	0.12	1.01	99.35	< 1	169	< 5	< 20	< 1	< 20	< 10	< 30	40	4	< 5
881548	73.46	17.02	0.61	0.163	0.03	0.18	3.62	2.53	0.006	0.05	0.56	98.22	< 1	170	< 5	< 20	< 1	< 20	< 10	180	38	4	< 5
881549	73.23	17.21	0.54	0.347	0.02	0.34	6.88	0.43	0.005	0.14	0.51	99.64	< 1	163	< 5	< 20	< 1	< 20	< 10	160	40	6	< 5
881550	73.78	15.20	3.24	0.097	0.07	0.28	3.48	2.47	0.003	0.15	0.20	98.97	< 1	150	< 5	30	1	30	50	100	40	3	< 5
881551	74.09	16.18	0.62	0.328	0.06	0.34	5.92	0.91	0.007	0.12	0.73	99.31	< 1	222	< 5	< 20	< 1	< 20	< 10	90	43	5	< 5
881552	75.98	15.53	0.69	0.123	0.05	0.24	3.04	1.78	0.006	0.05	0.54	98.04	< 1	185	< 5	< 20	< 1	< 20	< 10	100	39	4	< 5
881553	73.26	16.03	0.59	0.387	0.03	0.38	6.91	0.60	0.005	0.11	0.48	98.79	< 1	132	< 5	< 20	< 1	< 20	10	< 30	34	4	< 5
881554	76.58	15.40	0.75	0.120	0.10	0.29	3.07	1.42	0.011	0.07	0.97	98.78	< 1	229	< 5	< 20	< 1	< 20	10	< 30	44	4	< 5
881555	64.11	15.75	6.16	0.110	3.01	2.41	3.18	2.36	0.617	0.13	1.56	99.39	17	39	122	150	22	70	40	90	19	1	< 5
881556	59.75	17.57	6.54	0.102	3.38	3.32	3.06	2.99	0.706	0.30	2.10	99.82	16	16	120	140	22	70	60	110	24	2	< 5
881557	73.89	16.49	0.65	0.126	0.23	0.31	3.14	2.73	0.008	0.08	1.16	98.82	< 1	159	< 5	< 20	< 1	< 20	< 10	50	42	4	< 5
881558	75.01	14.99	0.75	0.091	0.22	0.47	4.14	2.36	0.026	0.12	1.16	99.34	< 1	120	6	< 20	< 1	< 20	< 10	60	39	4	< 5
881559	61.87	16.61	6.40	0.100	3.42	3.59	2.82	2.67	0.652	0.28	1.40	99.80	14	13	116	140	20	60	40	100	22	2	< 5
881560	56.02	17.59	8.01	0.121	2.78	6.56	3.81	2.23	1.102	0.35	0.63	99.21	18	3	143	20	19	< 20	20	90	24	1	< 5
881561	69.67	16.15	1.28	0.022	0.75	2.58	5.57	1.31	0.095	0.07	1.68	99.17	1	3	10	< 20	3	< 20	< 10	40	15	< 1	< 5
881562	71.62	16.16	0.32	0.025	0.04	0.79	8.22	0.60	0.005	1.17	0.67	99.61	< 1	137	< 5	< 20	< 1	< 20	< 10	< 30	32	7	< 5
881563	69.12	19.62	0.61	0.024	0.11	0.37	2.70	4.36	0.014	0.11	2.36	99.40	< 1	446	< 5	< 20	< 1	< 20	< 10	80	59	4	< 5
881564	70.76	16.37	0.37	0.015	0.06	0.35	4.92	4.54	0.001	0.49	0.66	98.52	< 1	104	< 5	< 20	< 1	< 20	< 10	< 30	26	6	< 5
881565	76.90	15.18	0.64	0.039	0.03	0.22	2.81	1.83	0.003	0.20	0.53	98.40	< 1	206	< 5	< 20	< 1	< 20	< 10	40	38	5	< 5
881566	77.08	15.25	0.63	0.044	0.05	0.25	3.15	1.29	0.003	0.20	0.62	98.56	< 1	206	< 5	< 20	< 1	< 20	< 10	60	38	5	< 5
881567	69.66	16.61	1.46	0.025	0.84	2.63	5.45	1.26	0.106	0.10	1.65	99.78	1	3	10	< 20	3	< 20	< 10	50	15	< 1	< 5
881568	69.66	15.37	1.36	0.025	0.86	3.12	5.09	1.30	0.105	0.24	1.18	98.30	1	10	10	< 20	3	< 20	< 10	< 30	17	1	< 5
881569	71.28	14.68	0.98	0.030	0.46	1.60	5.48	1.92	0.045	0.90	1.16	98.54	< 1	77	5	< 20	2	< 20	< 10	40	28	3	< 5
881570	85.36	7.95	1.68	0.049	0.06	0.16	1.74	1.29	0.033	0.07	0.12	98.51	< 1	76	< 5	30	1	< 20	30	50	21	2	< 5
881571	69.31	16.11	1.43	0.025	0.89	3.37	5.06	1.16	0.123	0.22	1.34	99.01	1	8	11	< 20	4	< 20	< 10	40	17	1	< 5
881572	70.24	15.74	1.35	0.022	0.95	2.39	5.47	1.38	0.094	0.15	1.45	99.23	1	8	8	< 20	3	< 20	< 10	< 30	16	< 1	< 5
881573	74.64	15.00	0.52	0.019	0.03	0.21	1.34	5.79	0.003	0.25	0.71	98.51	< 1	159	< 5	< 20	< 1	< 20	< 10	40	33	5	< 5
881574	73.70	14.47	0.51	0.013	0.03	0.22	1.75	6.74	0.003	0.33	0.64	98.41	< 1	172	< 5	< 20	< 1	< 20	< 10	< 30	23	6	< 5
881575	71.07	15.17	0.39	0.007	0.02	0.39	2.27	8.98	0.001	0.40	0.39	99.10	< 1	15	< 5	< 20	< 1	< 20	< 10	< 30	14	6	< 5
881576	70.34	18.84	0.50	0.021	0.08	0.40	6.74	0.97	0.005	0.62	1.08	99.60	< 1	243	< 5	< 20	< 1	< 20	< 10	< 30	39	8	< 5
881577	72.12	16.51	0.25	0.015	0.02	0.44	8.36	0.39	0.002	0.90	0.49	99.50	< 1	162	8	< 20	< 1	< 20	< 10	< 30	34	8	< 5
881578	70.01	16.43	1.69	0.032	0.91	2.54	5.44	1.19	0.114	0.20	1.52	100.1	1	9	10	< 20	3	< 20	< 10	40	16	1	< 5
881579	71.68	16.16	0.77	0.027	0.31	0.50	3.36	5.42	0.003	0.30	1.21	99.75	< 1	83	< 5	< 20	< 1	< 20	< 10	< 30	28	5	< 5

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881580	56.08	17.59	7.69	0.117	2.78	6.91	3.80	2.08	1.004	0.34	1.13	99.51	18	3	140	20	19	< 20	20	100	25	1	< 5
881581	69.63	16.64	1.34	0.029	0.92	2.38	5.88	1.32	0.106	0.06	1.94	100.2	1	3	9	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881582	69.56	16.67	1.34	0.024	0.99	3.10	5.34	1.16	0.104	0.07	1.47	99.84	2	4	10	< 20	3	< 20	< 10	< 30	16	< 1	< 5
881583	76.56	14.80	0.69	0.038	0.09	0.27	1.48	2.44	0.005	0.29	0.80	97.45	< 1	132	< 5	< 20	< 1	< 20	< 10	110	40	5	< 5
881584	73.30	15.56	0.44	0.017	0.11	0.81	8.17	0.48	0.009	0.87	0.62	100.4	< 1	147	< 5	< 20	1	< 20	< 10	30	29	5	< 5
881585	68.23	17.43	1.62	0.019	1.07	1.68	6.24	1.53	0.096	0.08	1.91	99.91	2	11	10	< 20	3	< 20	< 10	< 30	16	< 1	< 5
881586	68.66	16.98	1.72	0.020	1.05	1.65	6.24	1.55	0.091	0.09	1.88	99.93	1	9	11	< 20	3	< 20	< 10	< 30	18	1	< 5
881587	67.70	18.09	1.27	0.031	0.73	3.80	5.41	0.91	0.106	0.05	1.30	99.40	1	2	9	< 20	3	< 20	< 10	< 30	14	< 1	< 5
881588	76.97	14.02	0.56	0.046	0.02	0.35	4.30	1.24	0.002	0.99	0.74	99.23	< 1	214	< 5	< 20	< 1	< 20	< 10	50	33	5	< 5
881589	70.59	15.66	0.47	0.040	0.03	0.54	1.82	5.79	0.002	1.74	0.86	97.53	< 1	294	< 5	< 20	< 1	< 20	< 10	30	28	6	< 5
881590	73.35	15.19	3.28	0.096	0.06	0.28	3.62	2.52	0.003	0.15	0.08	98.63	< 1	150	< 5	30	1	20	50	100	40	3	< 5
881591	68.06	15.61	0.36	0.028	0.02	0.39	2.99	5.29	0.001	1.80	1.04	95.59	< 1	448	< 5	< 20	< 1	< 20	< 10	< 30	21	7	< 5
881592	70.29	16.35	0.41	0.040	0.02	0.41	4.20	4.61	0.002	1.27	0.76	98.38	< 1	193	< 5	< 20	< 1	< 20	< 10	120	30	6	< 5
881593	72.96	14.99	0.57	0.042	0.03	0.22	1.91	5.17	0.002	0.33	0.50	96.74	< 1	119	< 5	< 20	< 1	< 20	< 10	40	31	5	< 5
881594	68.53	16.59	1.23	0.039	0.72	3.49	5.65	0.95	0.101	0.05	1.49	98.84	1	2	10	< 20	3	< 20	< 10	30	15	< 1	< 5
881595	69.19	16.47	1.27	0.024	0.90	3.01	5.24	1.12	0.103	0.05	1.46	98.82	1	2	9	< 20	3	< 20	< 10	50	14	< 1	< 5
881596	73.39	15.26	0.69	0.027	0.18	0.56	2.78	3.05	0.010	1.21	1.06	98.21	< 1	262	< 5	< 20	< 1	< 20	< 10	60	35	6	< 5
881597	68.30	16.20	1.57	0.021	1.17	1.67	6.14	1.49	0.103	0.06	1.99	98.71	1	4	10	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881598	69.52	16.27	1.38	0.030	0.84	3.38	5.51	1.01	0.115	0.05	1.39	99.49	1	2	10	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881599	74.00	16.62	0.43	0.040	0.02	0.18	1.35	2.48	0.003	0.26	0.62	95.99	< 1	105	< 5	< 20	< 1	< 20	< 10	< 30	42	6	< 5
881600	55.30	17.00	8.55	0.132	2.85	6.76	3.72	2.12	1.091	0.33	0.95	98.80	20	3	142	30	19	< 20	20	100	24	1	< 5
881601	74.13	16.78	0.39	0.040	0.03	0.32	1.46	2.73	0.003	0.41	0.78	97.07	< 1	157	< 5	< 20	< 1	< 20	< 10	< 30	37	7	< 5
881602	74.30	15.10	0.38	0.029	0.02	0.24	2.29	4.18	0.002	0.31	0.50	97.36	< 1	294	< 5	< 20	< 1	< 20	< 10	< 30	28	7	< 5
881603	75.38	16.68	0.42	0.039	0.02	0.19	2.91	0.66	0.003	0.39	0.78	97.47	< 1	179	< 5	< 20	< 1	< 20	< 10	40	44	7	< 5
881604	75.96	16.26	0.44	0.045	0.02	0.18	2.40	0.56	0.003	0.19	0.54	96.59	< 1	196	< 5	< 20	< 1	< 20	< 10	30	42	6	< 5
881605	69.23	15.92	1.11	0.027	0.67	3.64	5.65	0.96	0.099	0.05	1.46	98.82	1	3	9	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881606	68.16	16.94	1.17	0.027	0.70	3.57	5.55	1.00	0.103	0.05	1.47	98.74	1	2	8	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881607	68.84	16.69	1.27	0.022	0.83	3.45	5.25	1.33	0.109	0.11	1.19	99.09	1	5	10	< 20	3	< 20	< 10	< 30	16	1	< 5
881608	73.54	15.42	0.30	0.029	0.06	0.41	7.22	0.73	0.003	0.79	0.62	99.12	< 1	226	< 5	< 20	< 1	< 20	< 10	60	31	5	< 5
881609	69.98	15.29	1.53	0.033	0.89	1.81	4.89	1.94	0.093	0.68	1.82	98.96	1	21	12	< 20	3	< 20	< 10	50	23	2	< 5
881610	85.66	8.19	1.68	0.050	0.05	0.17	1.78	1.33	0.035	0.07	0.17	99.17	< 1	76	< 5	20	< 1	< 20	30	50	20	2	< 5
881611	68.88	16.84	1.32	0.026	0.91	2.04	5.33	1.91	0.094	0.45	1.59	99.39	1	6	10	< 20	3	< 20	< 10	< 30	19	1	< 5
881612	65.88	18.42	1.15	0.052	0.71	4.24	6.45	0.87	0.102	0.37	1.25	99.49	2	29	8	< 20	2	< 20	< 10	40	22	2	< 5
881613	76.16	14.85	0.42	0.064	0.02	0.30	1.41	3.16	0.004	0.23	0.83	97.45	< 1	209	< 5	< 20	< 1	< 20	< 10	60	39	4	< 5
881614	74.73	17.74	0.46	0.048	0.02	0.19	1.00	0.47	0.003	1.03	0.80	96.48	< 1	49	< 5	< 20	< 1	< 20	< 10	< 30	43	6	< 5
881615	75.26	16.86	0.37	0.046	0.02	0.23	1.31	1.92	0.002	0.38	0.70	97.10	< 1	77	< 5	< 20	< 1	< 20	< 10	< 30	39	7	< 5
881616	71.37	16.69	0.10	0.013	< 0.01	0.30	9.15	0.20	0.001	1.30	0.59	99.72	< 1	279	< 5	< 20	< 1	< 20	< 10	< 30	31	9	< 5
881617	71.22	16.72	0.23	0.067	0.02	0.39	8.27	0.64	0.001	0.88	0.74	99.18	< 1	206	< 5	< 20	< 1	< 20	< 10	< 30	33	7	< 5
881618	72.64	16.53	0.28	0.040	0.02	0.25	3.77	3.31	0.002	0.51	0.71	98.07	< 1	153	< 5	< 20	< 1	< 20	< 10	30	29	5	< 5
881619	69.75	17.12	1.14	0.039	0.65	3.19	5.53	1.06	0.096	0.09	1.30	99.96	1	6	8	< 20	2	< 20	< 10	< 30	16	1	< 5
881620	54.72	17.81	8.98	0.141	3.15	6.90	3.74	2.19	1.232	0.40	0.51	99.77	21	3	162	30	21	20	20	100	24	1	< 5

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881621	67.15	17.91	1.46	0.031	0.91	3.88	5.81	0.98	0.127	0.08	1.25	99.58	2	9	10	< 20	3	< 20	< 10	30	20	1	< 5
881622	74.38	14.86	0.32	0.014	0.07	0.42	5.46	3.29	0.012	0.19	0.78	99.80	< 1	165	< 5	< 20	< 1	< 20	< 10	50	23	3	< 5
881623	69.60	16.95	1.18	0.021	0.74	3.56	5.34	1.02	0.103	0.04	1.26	99.82	1	2	8	< 20	3	< 20	< 10	30	15	< 1	< 5
881624	70.48	16.11	1.21	0.021	0.86	1.61	5.43	1.75	0.081	0.15	1.68	99.38	1	17	7	< 20	2	< 20	< 10	< 30	19	2	< 5
881625	72.96	15.12	0.59	0.020	0.26	1.67	4.59	2.96	0.033	0.76	1.38	100.3	< 1	124	5	< 20	< 1	< 20	< 10	40	31	3	< 5
881626	70.32	15.59	0.60	0.020	0.31	1.71	4.46	3.25	0.040	0.73	1.37	98.39	< 1	119	6	< 20	< 1	< 20	< 10	40	30	3	< 5
881627	70.41	16.56	1.24	0.025	0.92	2.94	5.28	1.23	0.106	0.04	1.28	100.0	1	3	9	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881628	70.19	16.23	1.32	0.023	0.91	2.63	5.57	1.38	0.103	0.07	1.57	100.0	1	4	8	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881629	72.62	16.24	0.27	0.047	0.05	0.70	8.67	0.43	0.004	0.50	0.61	100.1	< 1	84	< 5	< 20	< 1	< 20	< 10	< 30	29	6	< 5
881630	73.43	15.31	3.30	0.097	0.06	0.28	3.38	2.43	0.003	0.16	0.11	98.56	< 1	152	< 5	40	1	70	50	100	39	4	< 5
881631	70.72	16.12	1.35	0.019	0.93	2.23	5.21	1.35	0.101	0.04	1.72	99.79	1	3	9	< 20	2	< 20	< 10	< 30	14	< 1	< 5
881632	68.16	16.75	1.42	0.027	0.78	2.49	5.79	1.39	0.103	0.44	2.15	99.51	1	9	9	< 20	3	< 20	< 10	< 30	16	1	< 5
881633	66.32	16.35	0.76	0.040	0.51	3.89	3.08	3.60	0.077	2.59	2.30	99.52	1	8	7	< 20	2	< 20	< 10	50	32	3	< 5
881634	68.11	16.61	1.27	0.026	0.83	2.72	5.02	1.68	0.117	0.40	2.17	98.95	1	5	10	< 20	3	< 20	< 10	130	16	1	< 5
881635	75.63	15.99	0.48	0.033	0.05	0.28	1.65	1.70	0.004	0.08	1.09	96.99	< 1	165	< 5	< 20	< 1	< 20	< 10	50	42	5	< 5
881636	73.81	17.34	0.41	0.029	0.05	0.29	3.76	0.96	0.004	0.23	1.00	97.89	< 1	269	< 5	< 20	< 1	< 20	< 10	< 30	39	7	< 5
881637	71.55	14.77	0.21	0.006	0.02	0.29	2.51	8.39	0.001	0.33	0.73	98.81	< 1	7	< 5	< 20	< 1	< 20	< 10	< 30	16	6	< 5
881638	70.22	16.50	0.25	0.012	0.03	0.33	3.46	7.25	0.001	0.39	0.81	99.25	< 1	149	< 5	< 20	< 1	< 20	< 10	< 30	21	5	< 5
881639	67.43	17.85	1.18	0.023	0.77	3.44	5.52	1.25	0.110	0.07	2.09	99.75	1	2	9	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881640	54.35	18.25	8.81	0.130	3.03	6.99	3.77	2.22	1.189	0.38	0.68	99.80	21	3	149	60	21	20	30	100	25	2	< 5
881641	68.83	17.17	1.07	0.019	0.69	3.55	5.51	1.20	0.098	0.16	1.49	99.78	< 1	10	9	< 20	2	< 20	< 10	70	15	< 1	< 5
881642	76.55	16.15	0.46	0.045	0.05	0.33	1.32	1.39	0.004	0.24	0.73	97.27	< 1	220	< 5	< 20	< 1	< 20	< 10	430	43	5	< 5
881643	78.83	13.57	0.69	0.035	0.08	0.31	0.78	2.37	0.006	0.14	0.69	97.51	< 1	202	< 5	< 20	< 1	< 20	< 10	< 30	33	5	< 5
881644	67.22	17.64	0.22	0.006	0.03	0.44	3.95	9.13	0.001	0.46	0.58	99.68	< 1	91	< 5	< 20	< 1	< 20	< 10	< 30	19	5	< 5
881645	71.20	16.42	0.89	0.012	0.45	0.90	6.75	1.94	0.054	0.16	1.36	100.2	< 1	8	7	< 20	< 1	< 20	< 10	< 30	18	2	< 5
881646	71.58	16.17	0.87	0.012	0.45	1.15	6.49	1.84	0.055	0.15	1.53	100.3	< 1	7	7	< 20	< 1	< 20	< 10	< 30	17	2	< 5
881647	68.47	16.87	1.24	0.020	0.81	3.08	5.73	1.39	0.103	0.13	1.76	99.60	1	3	10	< 20	3	< 20	< 10	< 30	16	< 1	< 5
881648	64.93	19.62	1.33	0.023	0.82	2.46	6.69	2.14	0.117	0.26	1.77	100.1	1	16	10	< 20	4	< 20	< 10	40	21	2	< 5
881649	64.56	20.87	0.67	0.020	0.27	1.63	7.02	2.69	0.040	0.62	1.95	100.3	< 1	77	5	< 20	1	< 20	< 10	40	36	3	< 5
881650	85.99	8.07	1.67	0.050	0.05	0.16	1.73	1.29	0.036	0.07	0.21	99.33	< 1	77	< 5	20	< 1	< 20	30	50	20	2	< 5
881651	84.63	8.24	0.66	0.011	0.06	0.35	3.60	0.76	0.005	0.09	0.70	99.10	< 1	150	< 5	< 20	< 1	< 20	< 10	< 30	16	4	< 5
881652	80.55	11.06	0.56	0.012	0.05	0.40	4.80	0.90	0.005	0.30	0.67	99.30	< 1	161	< 5	< 20	< 1	< 20	< 10	< 30	23	6	< 5
881653	75.43	13.96	0.41	0.012	0.05	0.44	6.34	1.61	0.003	0.47	0.66	99.39	< 1	133	< 5	< 20	< 1	< 20	< 10	< 30	28	7	< 5
881654	72.77	15.22	0.54	0.018	0.17	0.45	2.47	6.49	0.004	0.39	1.14	99.64	< 1	239	< 5	< 20	< 1	< 20	< 10	30	30	5	< 5
881655	70.74	16.19	1.25	0.026	0.71	2.61	5.40	1.36	0.097	0.05	1.47	99.89	1	4	8	< 20	2	< 20	< 10	< 30	14	< 1	< 5
881656	70.63	16.02	1.48	0.015	0.78	3.15	5.49	0.95	0.112	0.04	1.05	99.71	1	3	11	< 20	5	< 20	30	< 30	14	< 1	< 5
881657	73.13	16.48	0.56	0.016	0.14	0.55	6.29	1.73	0.012	0.30	0.88	100.1	< 1	147	< 5	< 20	< 1	< 20	< 10	40	35	5	< 5
881658	76.69	15.21	0.72	0.034	0.12	0.18	1.54	1.18	0.003	0.09	0.86	96.63	< 1	123	< 5	< 20	< 1	< 20	20	40	43	5	< 5
881659	62.60	22.59	1.56	0.041	1.09	0.31	0.82	3.93	0.002	0.06	3.21	96.21	< 1	47	< 5	< 20	< 1	< 20	< 10	< 30	60	6	< 5
881660	54.48	18.54	8.53	0.134	2.91	6.87	3.92	2.17	1.193	0.34	0.85	99.94	20	3	142	30	19	< 20	20	100	25	1	< 5
881661	66.51	16.74	2.53	0.017	1.39	0.82	3.61	6.33	0.166	0.20	1.81	100.1	4	14	28	50	4	30	< 10	< 30	19	3	< 5

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881662	70.89	15.12	2.10	0.022	0.89	0.80	4.33	3.35	0.149	0.34	1.36	99.35	4	42	28	50	5	30	10	< 30	27	3	< 5
881663	61.81	17.16	6.03	0.063	3.54	1.31	4.92	1.19	0.488	0.12	2.89	99.51	11	7	85	160	11	80	< 10	< 30	20	2	< 5

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
881539	371	281	11	111	17	< 2	< 0.5	< 0.2	17	< 0.5	77.5	569	< 0.4	2.9	19.6	3	2.3	12	7.2	2.4	0.07	0.15	
881540	108	572	40	316	12	< 2	0.8	< 0.2	2	< 0.5	1.4	715	< 0.4	7.8	0.7	< 1	0.5	13	4.4	1.8	< 0.01	< 0.01	
881541	1110	90	5	44	48	< 2	< 0.5	< 0.2	62	< 0.5	57.4	311	< 0.4	2.5	84.0	2	6.0	9	3.9	1.8	0.04	0.08	
881542	879	126	14	106	63	< 2	< 0.5	< 0.2	52	< 0.5	61.5	375	< 0.4	3.1	116	3	5.4	13	5.7	3.8	0.07	0.15	
881543	716	43	2	18	34	< 2	< 0.5	< 0.2	26	< 0.5	41.6	50	< 0.4	1.5	104	< 1	4.7	8	3.0	1.6	< 0.01	0.02	
881544	336	284	10	126	6	< 2	< 0.5	< 0.2	5	< 0.5	89.6	574	< 0.4	3.3	3.6	< 1	3.3	17	7.1	2.3	0.06	0.13	
881545	802	360	14	165	11	< 2	< 0.5	< 0.2	18	< 0.5	765	902	0.4	4.0	6.2	< 1	6.8	27	9.4	3.0	0.17	0.36	
881546	725	348	14	166	10	< 2	< 0.5	< 0.2	16	< 0.5	715	875	< 0.4	3.8	5.2	< 1	6.6	19	9.3	2.8	0.16	0.34	
881547	631	31	< 2	24	58	< 2	< 0.5	< 0.2	21	< 0.5	34.2	35	< 0.4	2.1	91.3	< 1	5.1	11	3.8	5.2	0.58	1.25	
881548	936	19	< 2	12	49	< 2	< 0.5	< 0.2	16	< 0.5	37.3	12	0.4	1.2	93.6	< 1	8.2	21	3.3	4.9	0.78	1.69	2.79
881549	162	10	< 2	43	106	< 2	< 0.5	< 0.2	17	< 0.5	13.9	11	0.6	5.0	190	2	2.3	25	6.4	12.6	0.50	1.07	
881550	670	42	< 2	17	37	22	< 0.5	< 0.2	76	< 0.5	38.0	106	0.4	1.9	29.1	< 1	4.2	15	1.7	4.4	0.73	1.56	
881551	389	14	< 2	44	92	< 2	< 0.5	< 0.2	14	< 0.5	24.2	16	0.6	4.8	164	< 1	3.0	10	7.2	10.9	0.42	0.91	
881552	644	16	< 2	13	48	< 2	< 0.5	< 0.2	14	< 0.5	28.8	11	0.6	1.2	86.2	< 1	5.2	13	3.2	4.6	1.01	2.18	
881553	223	13	< 2	13	69	< 2	< 0.5	< 0.2	8	< 0.5	11.6	8	0.4	1.5	95.1	< 1	1.8	13	4.3	4.8	0.26	0.56	
881554	527	21	< 2	19	56	< 2	< 0.5	< 0.2	25	< 0.5	29.0	25	< 0.4	1.7	55.9	< 1	2.9	7	3.3	4.4	0.77	1.65	
881555	370	308	12	130	7	< 2	< 0.5	< 0.2	6	< 0.5	145	608	< 0.4	3.4	1.5	< 1	3.6	19	7.6	2.6	0.12	0.27	
881556	715	522	14	166	10	< 2	< 0.5	< 0.2	17	< 0.5	194	733	0.4	3.9	5.9	< 1	6.1	15	8.5	2.5	0.14	0.30	
881557	874	37	2	9	43	< 2	< 0.5	< 0.2	22	< 0.5	43.8	49	0.8	0.9	64.5	< 1	6.9	12	2.2	2.5	0.65	1.39	
881558	849	49	< 2	14	44	< 2	< 0.5	< 0.2	23	< 0.5	42.5	71	2.7	1.2	65.2	< 1	6.4	9	2.1	2.9	0.27	0.57	2.72
881559	436	562	14	168	10	< 2	< 0.5	< 0.2	10	< 0.5	147	704	0.4	3.9	3.3	< 1	4.5	17	8.4	2.4	0.12	0.26	
881560	110	561	37	282	13	< 2	< 0.5	< 0.2	2	< 0.5	1.6	796	< 0.4	6.6	0.8	1	1.1	12	4.2	1.4	< 0.01	< 0.01	
881561	165	361	< 2	41	2	< 2	< 0.5	< 0.2	5	< 0.5	106	392	< 0.4	1.3	0.5	< 1	1.5	7	0.3	0.2	0.03	0.06	
881562	412	47	< 2	17	83	< 2	< 0.5	< 0.2	70	< 0.5	86.9	27	< 0.4	3.3	161	< 1	2.5	7	0.7	6.7	0.06	0.14	
881563	3230	70	< 2	10	261	< 2	< 0.5	< 0.2	230	< 0.5	576	44	< 0.4	2.5	303	2	18.5	7	0.6	7.4	0.02	0.04	
881564	3150	62	< 2	6	61	< 2	< 0.5	< 0.2	50	< 0.5	433	48	< 0.4	1.2	74.4	< 1	28.7	11	0.4	5.4	0.18	0.39	
881565	1350	27	< 2	5	59	< 2	< 0.5	< 0.2	152	< 0.5	220	40	< 0.4	0.7	38.5	< 1	12.1	6	0.3	4.0	0.95	2.04	
881566	951	24	< 2	5	68	< 2	< 0.5	< 0.2	142	< 0.5	182	42	< 0.4	0.8	65.3	< 1	8.0	7	0.4	4.9	0.94	2.02	
881567	172	353	< 2	41	3	< 2	< 0.5	< 0.2	9	< 0.5	75.4	401	< 0.4	1.3	1.1	< 1	2.2	< 5	0.2	0.2	0.04	0.08	
881568	328	437	< 2	46	5	< 2	< 0.5	< 0.2	21	< 0.5	234	409	< 0.4	1.4	3.5	3	2.8	< 5	0.2	0.4	0.05	0.10	2.76
881569	832	207	< 2	24	44	< 2	< 0.5	< 0.2	105	< 0.5	234	231	< 0.4	1.5	41.5	1	5.3	< 5	0.4	1.8	0.07	0.16	
881570	342	23	3	58	17	12	< 0.5	< 0.2	38	< 0.5	20.2	62	0.4	2.0	14.2	< 1	2.5	10	2.0	2.5	0.36	0.77	
881571	351	382	< 2	48	4	< 2	< 0.5	< 0.2	15	< 0.5	279	373	< 0.4	1.5	3.0	< 1	2.8	< 5	0.2	0.3	0.06	0.13	
881572	146	363	< 2	40	4	< 2	< 0.5	< 0.2	14	< 0.5	97.3	431	< 0.4	1.3	2.1	< 1	1.1	< 5	0.3	0.2	0.05	0.10	
881573	4140	60	< 2	< 4	53	< 2	< 0.5	< 0.2	114	< 0.5	532	48	< 0.4	0.3	27.7	< 1	32.5	7	0.2	1.2	0.48	1.04	
881574	6080	104	< 2	5	25	< 2	< 0.5	< 0.2	56	< 0.5	953	49	< 0.4	0.9	28.0	< 1	56.7	6	< 0.1	1.6	0.27	0.59	
881575	9100	140	< 2	< 4	8	< 2	< 0.5	< 0.2	8	< 0.5	1180	76	< 0.4	0.2	11.5	< 1	89.7	14	< 0.1	2.1	0.01	0.03	
881576	764	37	< 2	14	112	< 2	< 0.5	< 0.2	82	< 0.5	388	40	< 0.4	3.9	281	< 1	10.4	5	0.6	6.0	0.44	0.94	
881577	261	23	< 2	17	109	< 2	< 0.5	< 0.2	66	< 0.5	82.9	14	< 0.4	3.6	234	< 1	3.5	8	0.6	6.8	0.14	0.30	
881578	591	349	2	47	4	< 2	< 0.5	< 0.2	27	< 0.5	442	290	< 0.4	1.5	4.3	< 1	6.2	< 5	0.2	0.4	0.05	0.10	2.72
881579	3600	73	< 2	9	67	< 2	< 0.5	< 0.2	126	< 0.5	548	156	< 0.4	2.3	187	< 1	30.3	6	0.2	2.8	0.24	0.52	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
881580	109	572	37	314	12	< 2	< 0.5	< 0.2	2	< 0.5	1.7	737	< 0.4	7.7	0.9	< 1	3.3	12	3.6	1.5	< 0.01	< 0.01	
881581	166	352	2	45	2	< 2	< 0.5	< 0.2	4	< 0.5	52.0	297	< 0.4	1.4	1.1	< 1	1.8	< 5	0.2	0.2	0.03	0.07	
881582	162	407	< 2	47	2	< 2	< 0.5	< 0.2	4	< 0.5	99.1	386	< 0.4	1.4	0.4	< 1	1.5	< 5	0.2	0.2	0.04	0.09	
881583	1910	36	< 2	9	48	< 2	< 0.5	< 0.2	134	< 0.5	323	124	< 0.4	1.4	42.4	< 1	12.4	6	0.6	4.3	1.04	2.24	
881584	262	44	< 2	22	89	< 2	< 0.5	< 0.2	50	< 0.5	61.1	51	< 0.4	2.9	95.8	< 1	3.1	< 5	0.6	5.2	0.05	0.11	
881585	186	262	< 2	45	5	< 2	< 0.5	< 0.2	10	< 0.5	56.2	323	< 0.4	1.4	2.6	1	1.6	< 5	0.2	0.6	0.03	0.05	
881586	221	246	< 2	42	5	< 2	< 0.5	< 0.2	19	< 0.5	55.1	299	< 0.4	1.4	3.3	< 1	1.4	< 5	0.2	0.7	0.02	0.05	
881587	83	466	< 2	44	2	< 2	< 0.5	< 0.2	1	< 0.5	96.7	362	< 0.4	1.3	0.5	< 1	0.1	7	0.2	0.2	0.05	0.11	
881588	968	32	< 2	13	83	< 2	< 0.5	< 0.2	87	< 0.5	310	16	< 0.4	2.5	88.4	< 1	2.1	8	1.0	7.2	0.50	1.07	2.80
881589	4670	96	< 2	9	127	< 2	< 0.5	< 0.2	131	< 0.5	965	85	< 0.4	1.9	118	< 1	15.2	15	0.6	8.8	0.65	1.40	
881590	672	42	< 2	17	38	22	< 0.5	< 0.2	76	< 0.5	39.7	108	0.5	1.9	30.5	1	2.8	17	1.7	4.4	0.73	1.58	
881591	5410	89	< 2	9	44	< 2	< 0.5	< 0.2	151	< 0.5	25900	21	< 0.4	2.3	207	< 1	20.3	18	0.4	11.1	0.34	0.74	
881592	4350	73	< 2	9	75	< 2	< 0.5	< 0.2	117	< 0.5	863	20	< 0.4	2.1	140	< 1	16.3	17	0.4	4.8	0.31	0.66	
881593	4100	62	< 2	5	29	< 2	< 0.5	< 0.2	108	0.5	767	55	< 0.4	0.7	31.5	143	15.4	13	0.2	2.6	0.79	1.69	
881594	88	438	< 2	46	3	< 2	< 0.5	< 0.2	4	< 0.5	66.2	366	< 0.4	1.4	0.7	2	1.7	42	0.2	0.2	0.06	0.12	
881595	125	430	2	43	2	< 2	< 0.5	< 0.2	2	0.6	65.4	371	< 0.4	1.3	0.2	< 1	0.8	23	0.2	0.2	0.04	0.09	
881596	2420	86	< 2	17	60	< 2	< 0.5	< 0.2	99	0.6	602	302	0.4	2.0	67.7	1	7.0	8	0.5	7.4	0.62	1.34	
881597	147	327	< 2	41	2	< 2	< 0.5	< 0.2	5	< 0.5	54.4	353	< 0.4	1.2	0.3	1	1.2	< 5	0.2	0.8	0.03	0.07	
881598	67	436	< 2	46	2	< 2	< 0.5	< 0.2	1	< 0.5	43.2	391	< 0.4	1.4	0.7	5	0.4	10	0.2	0.1	0.05	0.10	2.81
881599	1920	30	< 2	5	53	< 2	< 0.5	< 0.2	160	< 0.5	530	28	< 0.4	1.0	46.3	< 1	5.9	6	0.5	4.7	1.48	3.18	
881600	108	533	41	311	13	< 2	0.8	< 0.2	3	< 0.5	2.8	693	< 0.4	7.5	0.8	< 1	0.6	12	4.9	1.7	0.01	0.02	
881601	2390	43	< 2	8	106	< 2	< 0.5	< 0.2	111	< 0.5	752	28	< 0.4	1.5	112	< 1	7.0	7	0.6	5.3	1.24	2.67	
881602	3760	59	< 2	9	52	< 2	< 0.5	< 0.2	85	< 0.5	959	21	< 0.4	1.7	94.1	< 1	13.5	10	0.8	8.5	0.86	1.84	
881603	673	19	< 2	10	79	< 2	< 0.5	< 0.2	121	< 0.5	1060	12	0.5	2.3	144	< 1	2.7	10	0.9	9.5	1.40	3.01	
881604	505	18	< 2	5	37	< 2	< 0.5	< 0.2	181	< 0.5	599	21	< 0.4	1.1	42.2	< 1	1.6	7	0.3	4.9	1.43	3.07	
881605	161	451	2	40	2	< 2	< 0.5	< 0.2	5	< 0.5	102	389	< 0.4	1.3	1.9	15	0.8	< 5	0.2	0.3	0.06	0.12	
881606	167	460	< 2	42	2	< 2	< 0.5	< 0.2	3	< 0.5	104	390	< 0.4	1.4	1.1	4	0.6	5	0.2	0.2	0.05	0.12	
881607	121	503	< 2	46	3	< 2	< 0.5	< 0.2	7	< 0.5	83.9	447	< 0.4	1.4	1.4	< 1	0.4	6	0.3	0.4	0.04	0.09	
881608	384	25	< 2	15	83	< 2	< 0.5	< 0.2	44	< 0.5	118	55	< 0.4	2.8	172	1	1.0	5	0.6	5.3	0.26	0.57	2.74
881609	477	213	< 2	38	13	< 2	< 0.5	< 0.2	66	< 0.5	102	269	< 0.4	1.6	10.9	2	1.1	< 5	0.2	1.3	0.02	0.05	
881610	329	23	2	70	20	12	< 0.5	< 0.2	40	< 0.5	19.7	64	< 0.4	2.4	17.4	2	0.8	8	2.1	2.6	0.36	0.78	
881611	367	305	< 2	43	10	< 2	< 0.5	< 0.2	38	< 0.5	95.6	362	< 0.4	1.6	9.0	1	0.9	< 5	0.3	0.9	0.02	0.05	
881612	284	708	< 2	50	12	< 2	< 0.5	< 0.2	33	< 0.5	313	243	< 0.4	1.9	10.2	117	0.9	16	0.2	0.6	0.05	0.11	
881613	2260	50	< 2	< 4	55	< 2	< 0.5	< 0.2	120	< 0.5	562	25	< 0.4	0.5	26.8	1	6.1	< 5	0.3	2.6	0.96	2.07	
881614	454	22	< 2	7	54	< 2	< 0.5	< 0.2	167	0.5	606	7	< 0.4	1.4	60.7	8	1.5	< 5	0.4	3.1	1.86	4.00	
881615	1890	41	< 2	7	60	< 2	< 0.5	< 0.2	180	< 0.5	1080	10	< 0.4	1.6	84.6	< 1	5.9	8	0.8	4.7	1.48	3.19	
881616	92	24	< 2	11	126	< 2	< 0.5	< 0.2	17	< 0.5	110	6	< 0.4	2.8	292	< 1	0.8	< 5	0.7	5.6	0.12	0.26	
881617	545	36	< 2	16	86	< 2	< 0.5	< 0.2	37	< 0.5	136	5	< 0.4	3.6	141	< 1	1.3	6	0.9	8.1	0.07	0.14	
881618	2790	58	< 2	28	45	< 2	< 0.5	< 0.2	82	< 0.5	667	18	< 0.4	1.7	59.6	< 1	9.3	8	0.4	5.1	0.69	1.48	2.74
881619	576	483	< 2	43	24	< 2	< 0.5	< 0.2	13	< 0.5	358	359	< 0.4	1.4	16.7	< 1	2.7	10	0.2	0.3	0.09	0.19	
881620	110	573	43	241	12	< 2	0.5	< 0.2	2	< 0.5	1.9	728	< 0.4	5.7	0.8	< 1	0.5	11	3.9	1.5	< 0.01	< 0.01	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
881621	287	863	< 2	51	6	< 2	< 0.5	< 0.2	8	< 0.5	192	304	< 0.4	1.5	2.1	< 1	1.0	8	0.2	0.4	0.09	0.19	
881622	1500	50	< 2	21	160	59	< 0.5	< 0.2	41	< 0.5	219	55	< 0.4	2.9	149	2	4.1	16	0.5	7.2	0.01	0.03	
881623	86	435	< 2	45	2	< 2	< 0.5	< 0.2	2	< 0.5	71.8	427	< 0.4	1.3	0.3	4	0.7	6	0.2	0.1	0.05	0.10	
881624	397	271	< 2	45	18	< 2	< 0.5	< 0.2	31	< 0.5	95.7	295	< 0.4	1.8	17.9	2	1.0	< 5	0.3	1.1	0.02	0.04	
881625	1100	125	< 2	25	45	< 2	< 0.5	< 0.2	105	< 0.5	177	196	< 0.4	2.4	46.4	2	2.6	< 5	0.4	2.7	< 0.01	0.02	
881626	1120	167	< 2	26	42	< 2	< 0.5	< 0.2	101	< 0.5	189	255	< 0.4	1.9	36.7	2	2.9	6	0.4	2.9	0.01	0.03	
881627	169	395	< 2	51	2	< 2	< 0.5	< 0.2	5	< 0.5	105	427	< 0.4	1.6	0.3	1	0.9	< 5	0.2	0.2	0.03	0.06	
881628	151	373	< 2	46	2	< 2	< 0.5	< 0.2	9	< 0.5	86.9	412	< 0.4	1.4	2.0	1	0.6	< 5	0.2	0.2	0.02	0.05	2.80
881629	209	24	2	14	130	2	< 0.5	< 0.2	20	< 0.5	39.9	20	< 0.4	3.0	277	2	0.5	< 5	0.7	4.2	< 0.01	< 0.01	
881630	665	44	< 2	18	43	22	< 0.5	< 0.2	78	< 0.5	39.7	105	0.6	2.1	32.6	2	1.6	18	1.7	4.9	0.71	1.53	
881631	142	347	< 2	45	2	< 2	< 0.5	< 0.2	3	< 0.5	81.6	395	< 0.4	1.4	0.7	3	0.5	< 5	0.2	0.4	0.02	0.03	
881632	534	378	< 2	45	3	< 2	< 0.5	< 0.2	25	1.5	308	279	< 0.4	1.4	1.3	2	1.4	< 5	0.2	0.2	0.05	0.10	
881633	3360	379	< 2	41	25	3	< 0.5	< 0.2	213	< 0.5	1270	316	1.9	1.7	49.3	5	9.1	8	0.4	2.4	0.07	0.15	
881634	922	377	< 2	45	3	< 2	< 0.5	< 0.2	28	< 0.5	592	328	< 0.4	1.3	2.4	2	6.2	< 5	0.2	0.3	0.05	0.12	
881635	1180	32	< 2	< 4	76	< 2	< 0.5	< 0.2	294	< 0.5	225	31	< 0.4	0.4	49.1	< 1	7.6	< 5	0.3	1.0	1.19	2.56	
881636	778	34	< 2	13	132	< 2	< 0.5	< 0.2	124	< 0.5	270	33	< 0.4	3.5	202	< 1	5.6	8	2.0	8.8	1.10	2.36	
881637	6340	102	< 2	< 4	11	< 2	< 0.5	< 0.2	13	< 0.5	790	44	< 0.4	0.2	18.4	< 1	57.9	11	0.1	1.9	0.04	0.09	
881638	5080	89	< 2	5	19	< 2	< 0.5	< 0.2	52	< 0.5	626	45	< 0.4	0.5	14.6	< 1	50.4	9	0.2	2.1	0.17	0.36	2.68
881639	130	450	< 2	43	1	< 2	< 0.5	< 0.2	2	< 0.5	56.5	392	< 0.4	1.2	0.3	< 1	5.3	< 5	0.2	0.1	0.04	0.09	
881640	111	578	44	294	13	< 2	1.0	< 0.2	3	< 0.5	1.7	739	< 0.4	6.8	0.8	< 1	1.9	11	4.0	2.0	< 0.01	< 0.01	
881641	235	451	< 2	42	3	< 2	< 0.5	< 0.2	8	< 0.5	133	374	1.8	1.2	1.9	3	2.3	< 5	0.2	0.4	0.04	0.10	
881642	905	22	< 2	5	49	< 2	< 0.5	< 0.2	148	< 0.5	194	29	8.4	0.8	28.4	< 1	5.7	5	0.5	5.7	1.47	3.16	
881643	1700	49	< 2	7	62	< 2	< 0.5	< 0.2	92	< 0.5	340	45	< 0.4	1.6	118	2	12.9	< 5	0.4	5.7	1.11	2.38	
881644	6110	109	< 2	5	24	< 2	< 0.5	< 0.2	14	< 0.5	610	64	< 0.4	0.5	17.1	< 1	56.3	15	0.2	3.5	0.02	0.03	
881645	340	206	< 2	30	7	< 2	< 0.5	< 0.2	13	< 0.5	65.9	171	< 0.4	1.6	9.4	< 1	5.8	< 5	0.3	1.5	< 0.01	0.01	
881646	304	215	< 2	30	5	< 2	< 0.5	< 0.2	12	< 0.5	62.2	179	< 0.4	1.5	8.6	< 1	3.0	< 5	0.3	1.6	< 0.01	0.01	
881647	126	391	< 2	44	2	< 2	< 0.5	< 0.2	8	< 0.5	53.3	341	< 0.4	1.3	0.8	< 1	1.3	< 5	0.2	0.4	0.02	0.04	
881648	1370	378	< 2	62	5	< 2	< 0.5	< 0.2	42	< 0.5	558	374	0.6	2.0	1.4	72	7.1	6	0.3	0.4	0.05	0.11	2.73
881649	2250	162	< 2	30	71	< 2	< 0.5	< 0.2	135	< 0.5	581	162	0.5	2.2	104	3	14.2	< 5	0.5	2.6	0.02	0.05	
881650	335	24	3	55	16	12	< 0.5	< 0.2	36	< 0.5	20.0	61	0.4	1.9	14.4	2	3.3	7	2.1	2.8	0.36	0.77	
881651	654	37	< 2	< 4	55	< 2	< 0.5	< 0.2	50	< 0.5	130	16	< 0.4	0.6	69.9	< 1	4.3	< 5	0.3	1.8	< 0.01	0.01	
881652	720	30	< 2	7	62	< 2	< 0.5	< 0.2	103	< 0.5	149	23	< 0.4	1.6	176	< 1	4.6	< 5	0.4	4.6	0.01	0.02	
881653	1170	42	< 2	10	87	< 2	< 0.5	< 0.2	90	< 0.5	200	27	0.7	3.3	335	< 1	8.5	< 5	0.8	4.1	0.04	0.08	
881654	4140	79	< 2	6	144	< 2	< 0.5	< 0.2	183	< 0.5	578	105	1.5	1.0	85.3	< 1	32.4	7	0.5	4.2	0.04	0.08	
881655	117	428	< 2	41	2	< 2	< 0.5	< 0.2	4	< 0.5	29.2	428	< 0.4	1.1	0.3	< 1	3.8	< 5	0.2	0.1	0.02	0.05	
881656	192	392	< 2	53	2	< 2	< 0.5	< 0.2	4	< 0.5	124	337	< 0.4	1.3	0.4	< 1	2.5	< 5	0.3	0.3	0.03	0.06	
881657	1170	62	< 2	34	68	< 2	< 0.5	< 0.2	694	< 0.5	178	87	< 0.4	4.4	111	< 1	7.5	< 5	0.7	5.3	0.12	0.25	
881658	802	23	< 2	6	39	< 2	< 0.5	< 0.2	209	< 0.5	157	123	< 0.4	0.8	30.0	2	4.9	< 5	0.3	3.1	1.25	2.69	2.88
881659	555	83	< 2	6	35	< 2	< 0.5	< 0.2	228	< 0.5	206	625	< 0.4	1.9	149	< 1	2.9	8	0.4	10.1	1.24	2.66	
881660	105	601	42	314	13	< 2	0.9	< 0.2	3	< 0.5	1.5	709	< 0.4	7.3	0.9	< 1	0.9	11	3.9	1.7	< 0.01	< 0.01	
881661	3730	98	4	51	6	< 2	< 0.5	< 0.2	39	< 0.5	396	134	< 0.4	1.5	6.4	4	30.4	6	1.4	1.6	0.02	0.04	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
881662	1870	74	4	42	32	< 2	< 0.5	< 0.2	243	< 0.5	206	140	< 0.4	2.5	37.1	1	15.6	< 5	2.3	2.5	0.02	0.04	
881663	71	156	7	113	5	< 2	< 0.5	< 0.2	30	< 0.5	21.3	150	< 0.4	2.7	0.4	4	2.2	< 5	4.9	2.9	0.04	0.09	

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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	11.17	1.83	0.77	0.013	0.34	43.11	0.86	0.55	0.116	30.23					1600								
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	47.57	18.55	9.74	0.147	9.98	11.41	1.90	0.22	0.475	0.07			31		148	280	55	250	90	70	14		
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	270	57	247	100	70	15		
GBW 07113 Meas	70.45	12.99	3.20	0.144	0.14	0.60	2.51	5.44	0.277	0.04			6	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																	28			150			26
LKSD-3 Cert																	30.0			152			27.0
TDB-1 Meas																260		100	350				
TDB-1 Cert																251		92	323				
W-2a Meas	53.57	14.92	10.47	0.168	6.24	11.01	2.24	0.63	1.048	0.13			35	< 1	263	90	42	70	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	
DTS-2b Meas	39.51	0.40			49.98	0.13							3		12								
DTS-2b Cert	39.4	0.450			49.4	0.120							3.00		22.0								
SY-4 Meas	50.47	20.22	6.16	0.107	0.50	8.02	6.84	1.63	0.279	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																			50	40			
CTA-AC-1 Cert																			54.0	38.0			
BIR-1a Meas	48.40	15.91	11.26	0.172	9.40	13.40	1.83	0.02	0.977	0.03			43	< 1	320	370	50	170	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		
NCS DC86312 Meas																							
NCS DC86312 Cert																							
ZW-C Meas																				1010	100		
ZW-C Cert																				1050.000	99		
NCS DC70009 (GBW07241) Meas																30	4		870	90	17	10	65
NCS DC70009 (GBW07241) Cert																30	3.7		960	100	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																	17		160				
OREAS 100a (Fusion) Cert																	18.1		169				
OREAS 101a (Fusion) Meas																	45		400				
OREAS 101a (Fusion) Cert																	48.8		430				
OREAS 101b (Fusion) Meas																	43		410				
OREAS 101b																	47		420				

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
(Fusion) Cert																							
JR-1 Meas																< 20	< 1	< 20	< 10	< 30	17	2	17
JR-1 Cert																2.83	0.83	1.67	2.68	30.6	16.1	1.88	16.3
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86304 Meas																							
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NCS DC86314 Meas																							
NCS DC86314 Cert																							
USZ 28-99 Meas																							
USZ 28-99 Cert																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
USZ 28-99 Meas																							
USZ 28-99 Cert																							
USZ 28-99 Meas																							
USZ 28-99 Cert																							
USZ 28-99 Meas																							
USZ 28-99 Cert																							
USZ 28-99 Meas																							
USZ 28-99 Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881545 Orig																							
881545 Dup																							
881553 Orig	73.36	16.02	0.59	0.394	0.04	0.38	6.88	0.60	0.005	0.11	0.48	98.85	< 1	133	< 5	< 20	< 1	< 20	10	< 30	34	4	< 5
881553 Dup	73.16	16.04	0.59	0.380	0.03	0.38	6.95	0.59	0.005	0.11	0.48	98.72	< 1	131	< 5	< 20	< 1	< 20	20	< 30	34	4	< 5
881567 Orig																							
881567 Dup																							
881571 Orig	69.61	16.30	1.44	0.025	0.89	3.38	5.06	1.17	0.125	0.21	1.34	99.53	1	8	11	< 20	4	< 20	< 10	40	17	1	< 5
881571 Dup	69.01	15.92	1.41	0.024	0.88	3.36	5.06	1.16	0.120	0.22	1.34	98.50	1	8	11	< 20	3	< 20	< 10	40	16	1	< 5
881575 Orig																							
881575 Dup																							
881589 Orig																							
881589 Dup																							
881596 Orig																							
881596 Dup																							
881600 Orig	55.29	17.07	8.63	0.130	2.82	6.68	3.70	2.10	1.095	0.32	0.95	98.77	20	3	143	30	18	< 20	20	100	23	1	< 5
881600 Dup	55.31	16.94	8.47	0.133	2.89	6.83	3.75	2.14	1.087	0.33	0.95	98.83	20	3	142	30	20	< 20	20	100	25	1	< 5
881610 Orig																							
881610 Dup																							
881613 Orig																							
881613 Dup																							
881617 Orig	71.37	16.60	0.23	0.067	0.02	0.40	8.28	0.65	0.001	0.89	0.74	99.23	< 1	209	< 5	< 20	< 1	< 20	< 10	< 30	32	7	< 5
881617 Dup	71.07	16.84	0.23	0.066	0.02	0.39	8.26	0.63	0.001	0.88	0.74	99.12	< 1	203	< 5	< 20	< 1	< 20	< 10	< 30	33	7	< 5
881618 Orig																							
881618 Dup																							
881632 Orig																							
881632 Dup																							
881638 Orig	70.22	16.50	0.25	0.012	0.03	0.33	3.46	7.25	0.001	0.39	0.81	99.25	< 1	149	< 5	< 20	< 1	< 20	< 10	< 30	21	5	< 5
881638 Split PREP DUP	69.67	16.96	0.31	0.013	0.03	0.32	3.53	7.15	0.001	0.43	0.80	99.20	< 1	155	< 5	< 20	< 1	< 20	< 10	< 30	22	5	< 5
881639 Orig																							
881639 Dup																							
881647 Orig	68.29	16.91	1.23	0.020	0.80	3.08	5.78	1.39	0.103	0.13	1.76	99.49	1	3	10	< 20	3	< 20	< 10	< 30	16	< 1	< 5
881647 Dup	68.66	16.83	1.25	0.020	0.82	3.08	5.68	1.38	0.103	0.13	1.76	99.71	1	3	10	< 20	3	< 20	< 10	< 30	15	< 1	< 5
881653 Orig																							
881653 Dup																							
881661 Orig																							
881661 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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	< 0.01	< 0.01	0.01	0.002	0.01	0.01	< 0.01	< 0.01	0.001	< 0.01			< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01	< 0.01	0.01	0.002	< 0.01	0.01	< 0.01	< 0.01	0.001	< 0.01			< 1	< 1	< 5								
Method Blank	< 0.01	< 0.01	0.01	0.002	< 0.01	0.01	< 0.01	< 0.01	0.001	< 0.01			< 1	< 1	< 5								
Method Blank																							
Method Blank	< 0.01	< 0.01	< 0.01	0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	0.02			< 1	< 1	< 5								
Method Blank																							

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Lower 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	0.01
Method Code	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	FUS-Na2O2	FUS-Na2O2
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas		146	14	34						0.9		105											
DNC-1 Cert		144.0	18.0	38						0.96		118											
GBW 07113 Meas		40	44	381								504											
GBW 07113 Cert		43.0	43.0	403								506											
LKSD-3 Meas	75					< 2	2.8				2.1			4.7	0.8				11.2	4.2			
LKSD-3 Cert	78.0					2.00	2.70				2.30			4.80	0.700				11.4	4.60			
TDB-1 Meas	22																		2.8				
TDB-1 Cert	23																		2.7				
W-2a Meas	20	196	18	88		< 2				0.7		172		2.4	0.5		0.1		2.2	0.5			
W-2a Cert	21.0	190	24.0	94.0		0.600				0.790		182		2.60	0.500		0.200		2.40	0.530			
DTS-2b Meas												15											
DTS-2b Cert												16.0											
SY-4 Meas		1188	115	547								340											
SY-4 Cert		1191	119	517								340											
CTA-AC-1 Meas														1.2	2.9				22.4	4.0			
CTA-AC-1 Cert														1.13	2.65				21.8	4.4			
BIR-1a Meas		108	13	13						0.5		7											
BIR-1a Cert		110	16	18						0.58		6											
NCS DC86312 Meas																			24.7				
NCS DC86312 Cert																			23.6				
ZW-C Meas	8850								1320		266				87.3	335	34.7						
ZW-C Cert	8500								1300.000		260				82	320	34						
NCS DC70009 (GBW07241) Meas	496						1.9	1.3	1640	3.0	38.0					2150	1.7		27.5				
NCS DC70009 (GBW07241) Cert	500						1.8	1.3	1700	3.1	41					2200	1.8		28.3				
OREAS 100a (Fusion) Meas						23													50.7	137			
OREAS 100a (Fusion) Cert						24.1													51.6	135			
OREAS 101a (Fusion) Meas						20													34.0	409			
OREAS 101a (Fusion) Cert						21.9													36.6	422			
OREAS 101b (Fusion) Meas						19													36.2	401			
OREAS 101b						21													37.1	396			

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Lower 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	0.01
Method Code	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	FUS-Na2O2	FUS-Na2O2
(Fusion) Cert																							
JR-1 Meas	243				15	3		< 0.2	3		20.1		0.6	4.4	1.8		1.5	19	25.0	8.3			
JR-1 Cert	257				15.2	3.25		0.028	2.86		20.8		0.56	4.51	1.86		1.56	19.3	26.7	8.88			
NCS DC86303 Meas																						0.20	0.43
NCS DC86303 Cert																						0.21	0.460
NCS DC86304 Meas																						1.09	2.35
NCS DC86304 Cert																						1.06	2.29
NCS DC86304 Meas																						1.09	2.34
NCS DC86304 Cert																						1.06	2.29
NCS DC86304 Meas																						1.07	2.31
NCS DC86304 Cert																						1.06	2.29
NCS DC86304 Meas																						1.07	2.31
NCS DC86304 Cert																						1.06	2.29
NCS DC86314 Meas																						1.86	4.00
NCS DC86314 Cert																						1.81	3.89
NCS DC86314 Meas																						1.77	3.81
NCS DC86314 Cert																						1.81	3.89
NCS DC86314 Meas																						1.79	3.86
NCS DC86314 Cert																						1.81	3.89
NCS DC86314 Meas																						1.78	3.84
NCS DC86314 Cert																						1.81	3.89
NCS DC86314 Meas																						1.76	3.79
NCS DC86314 Cert																						1.81	3.89
USZ 28-99 Meas																						0.18	
USZ 28-99 Cert																						0.173	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Lower 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	0.01
Method Code	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	FUS-Na2O2	FUS-Na2O2
USZ 28-99 Meas																						0.17	
USZ 28-99 Cert																						0.173	
USZ 28-99 Meas																						0.18	
USZ 28-99 Cert																						0.173	
USZ 28-99 Meas																						0.17	
USZ 28-99 Cert																						0.173	
USZ 28-99 Meas																						0.17	
USZ 28-99 Cert																						0.173	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.46	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.22	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.36	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.29	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.37	
Lithium Tetraborate FX-LT 100 lot#220610B																						8	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Lower 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	0.01
Method Code	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	FUS-Na2O2	FUS-Na2O2
Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.32	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.45	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.40	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.28	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.15	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																						8.00	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																						8	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Lower 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	0.01
Method Code	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	FUS-Na2O2	FUS-Na2O2
881545 Orig																						0.16	0.35
881545 Dup																						0.17	0.36
881553 Orig	223	13	< 2	13	66	< 2	< 0.5	< 0.2	8	< 0.5	11.7	8	0.5	1.4	88.2	< 1	2.0	12	4.3	4.9		0.27	0.57
881553 Dup	222	13	< 2	14	71	< 2	< 0.5	< 0.2	8	< 0.5	11.5	8	0.4	1.5	102	< 1	1.6	13	4.2	4.7		0.26	0.55
881567 Orig																						0.04	0.08
881567 Dup																						0.03	0.07
881571 Orig	356	385	2	49	4	< 2	< 0.5	< 0.2	15	< 0.5	284	374	< 0.4	1.5	3.0	< 1	3.0	< 5	0.2	0.3			
881571 Dup	346	379	< 2	47	4	< 2	< 0.5	< 0.2	15	< 0.5	274	371	< 0.4	1.5	3.1	< 1	2.7	< 5	0.2	0.3			
881575 Orig																						0.01	0.03
881575 Dup																						0.01	0.03
881589 Orig																						0.65	1.40
881589 Dup																						0.65	1.41
881596 Orig																						0.63	1.35
881596 Dup																						0.62	1.34
881600 Orig	107	531	41	311	12	< 2	0.8	< 0.2	3	< 0.5	2.8	691	< 0.4	7.5	0.8	< 1	0.8	11	4.9	1.7			
881600 Dup	108	536	41	311	13	< 2	0.8	< 0.2	3	< 0.5	2.7	695	< 0.4	7.5	0.8	< 1	0.3	12	5.0	1.7			
881610 Orig																						0.36	0.77
881610 Dup																						0.36	0.78
881613 Orig																						0.96	2.06
881613 Dup																						0.96	2.07
881617 Orig	546	36	< 2	16	86	< 2	< 0.5	< 0.2	38	< 0.5	137	5	< 0.4	3.5	145	1	1.3	6	0.9	8.1			
881617 Dup	543	36	< 2	17	86	< 2	< 0.5	< 0.2	35	< 0.5	135	5	< 0.4	3.7	136	< 1	1.3	6	0.9	8.0			
881618 Orig																						0.69	1.48
881618 Dup																						0.69	1.48
881632 Orig																						0.05	0.11
881632 Dup																						0.04	0.10
881638 Orig	5080	89	< 2	5	19	< 2	< 0.5	< 0.2	52	< 0.5	626	45	< 0.4	0.5	14.6	< 1	50.4	9	0.2	2.1		0.17	0.36
881638 Split PREP DUP	5130	87	< 2	5	20	< 2	< 0.5	< 0.2	70	< 0.5	625	44	< 0.4	0.8	15.8	< 1	50.7	10	0.2	2.6		0.18	0.38
881639 Orig																						0.04	0.09
881639 Dup																						0.04	0.09
881647 Orig	127	392	< 2	43	2	< 2	< 0.5	< 0.2	8	< 0.5	53.8	344	< 0.4	1.3	0.8	< 1	1.5	< 5	0.2	0.5			
881647 Dup	124	389	< 2	45	2	< 2	< 0.5	< 0.2	8	< 0.5	52.9	338	< 0.4	1.3	0.8	< 1	1.0	< 5	0.2	0.4			
881653 Orig																						0.04	0.08
881653 Dup																						0.04	0.08
881661 Orig																						0.02	0.04
881661 Dup																						0.02	0.04
Method Blank																						< 0.01	< 0.01
Method Blank																						< 0.01	< 0.01
Method Blank																						< 0.01	< 0.01
Method Blank																						< 0.01	< 0.01

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Spec Grav	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	-	%	%
Lower 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	0.01
Method Code	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	FUS-Na2O2	FUS-Na2O2
Method Blank																						< 0.01	< 0.01
Method Blank																						< 0.01	< 0.01
Method Blank	< 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			
Method Blank		< 2	< 2	< 4								< 3											
Method Blank		< 2	< 2	< 4								< 3											
Method Blank																					1.00		
Method Blank		< 2	< 2	< 4								< 3											
Method Blank																						< 0.01	< 0.01

Quality Analysis ... *Innovative Technologies*

Date Submitted: 10-Aug-17
Invoice No.: A17-08421
Invoice Date: 08-Sep-17
Your Reference:

Rock Tech Lithium Inc.
600 777 Hornby Street
Vancouver BC V6Z 1S4
Canada

ATTN: Brad Barnett - Invoices

CERTIFICATE OF ANALYSIS

27 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4Litho-Pegmatite Special Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion

REPORT **A17-08421**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +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	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881701	78.41	16.92	0.84	0.132	0.05	0.12	0.71	2.27	0.007	0.07	0.44	99.97	< 1	122	< 5	< 20	< 1	< 20	< 10	90	46	6	< 5
881702	73.79	16.68	0.70	0.087	0.12	0.55	3.59	2.06	0.007	0.10	0.97	98.66	< 1	130	< 5	< 20	< 1	< 20	< 10	70	40	4	< 5
881703	73.79	17.33	0.73	0.091	0.03	0.22	3.47	2.17	0.002	0.21	0.41	98.44	< 1	178	< 5	< 20	< 1	< 20	< 10	40	37	5	< 5
881704	75.60	14.39	0.79	0.027	0.08	0.13	4.52	1.92	0.003	0.09	0.99	98.55	< 1	57	< 5	< 20	< 1	< 20	< 10	< 30	40	3	< 5
881705	73.68	16.17	0.77	0.041	0.06	0.13	4.68	1.64	0.002	0.07	0.81	98.05	< 1	139	< 5	< 20	< 1	< 20	< 10	< 30	41	4	< 5
881706	74.81	16.06	0.89	0.127	0.02	0.12	4.14	1.74	0.002	0.10	0.63	98.66	< 1	170	< 5	< 20	< 1	< 20	< 10	40	38	3	< 5
881707	73.10	16.93	1.19	0.123	0.02	0.14	2.44	1.68	0.002	0.23	0.63	96.49	< 1	193	< 5	< 20	< 1	< 20	< 10	40	49	4	< 5
881708	75.31	14.70	0.84	0.075	0.07	0.19	4.43	1.44	0.002	0.18	0.55	97.80	< 1	147	< 5	< 20	< 1	< 20	< 10	80	42	4	< 5
881709	72.16	18.13	0.68	0.077	0.05	0.14	2.97	4.39	0.002	0.15	0.37	99.12	< 1	180	< 5	< 20	< 1	< 20	< 10	50	32	4	< 5
881710	76.20	15.79	0.64	0.097	0.06	0.23	4.32	1.58	0.001	0.24	0.42	99.58	< 1	207	< 5	< 20	< 1	< 20	< 10	180	36	4	< 5
881751	74.02	16.93	0.78	0.102	0.03	0.14	2.55	2.49	0.008	0.06	0.72	97.82	< 1	59	< 5	< 20	< 1	< 20	< 10	40	42	4	< 5
881752	78.36	15.14	0.79	0.083	0.06	0.23	3.24	1.14	0.006	0.10	0.49	99.65	< 1	276	< 5	< 20	< 1	< 20	< 10	90	40	4	< 5
881753	75.07	15.21	0.98	0.110	0.26	0.24	1.96	1.84	0.007	0.10	0.84	96.61	< 1	145	< 5	< 20	< 1	< 20	< 10	60	39	4	< 5
881754	75.54	15.56	0.64	0.110	0.09	0.14	5.53	1.44	0.005	0.06	0.74	99.86	< 1	180	< 5	< 20	< 1	< 20	< 10	30	33	5	< 5
881755	73.70	15.60	0.62	0.052	0.09	0.20	4.15	3.70	0.012	0.20	0.40	98.73	< 1	194	< 5	< 20	< 1	< 20	< 10	40	32	6	< 5
881756	73.84	16.15	0.89	0.076	0.05	0.18	3.17	1.98	0.003	0.17	0.38	96.90	< 1	164	< 5	< 20	< 1	< 20	< 10	50	41	6	< 5
881757	74.56	15.23	0.75	0.044	0.05	0.35	4.56	3.04	0.003	0.22	0.32	99.13	< 1	164	< 5	< 20	< 1	< 20	< 10	< 30	34	6	< 5
881758	74.71	15.16	0.83	0.083	0.04	0.24	3.75	1.50	0.002	0.22	0.43	96.98	< 1	166	< 5	< 20	< 1	< 20	< 10	60	40	5	< 5
881759	75.35	15.96	0.82	0.085	0.06	0.21	3.40	1.45	0.002	0.19	0.34	97.86	< 1	174	< 5	< 20	< 1	< 20	< 10	60	42	5	< 5
881760	74.49	16.14	0.69	0.051	0.03	0.17	4.59	1.48	0.001	0.16	0.24	98.04	< 1	196	< 5	< 20	< 1	< 20	< 10	40	36	4	< 5
881711	74.40	15.98	0.84	0.077	0.05	0.13	3.46	1.89	0.002	0.14	0.53	97.49	< 1	159	< 5	< 20	< 1	< 20	< 10	< 30	40	4	< 5
881712	74.99	16.14	0.80	0.071	0.10	0.19	4.20	1.47	0.003	0.14	0.55	98.64	< 1	247	< 5	< 20	< 1	< 20	< 10	30	38	4	< 5
881713	74.25	16.31	0.71	0.072	0.02	0.13	3.78	1.14	0.001	0.13	0.44	96.98	< 1	167	< 5	< 20	< 1	< 20	< 10	30	38	4	< 5
881761	75.24	15.35	1.12	0.117	0.04	0.33	3.46	1.21	0.002	0.24	0.73	97.85	< 1	207	< 5	< 20	< 1	< 20	< 10	40	43	4	< 5
881762	73.52	17.85	0.79	0.076	0.03	0.15	3.96	0.97	0.001	0.17	0.40	97.91	< 1	169	< 5	< 20	< 1	< 20	< 10	60	42	5	< 5
881763	73.64	15.43	0.78	0.076	0.07	0.26	4.68	2.29	0.002	0.21	0.86	98.30	< 1	141	< 5	< 20	< 1	< 20	< 10	50	40	3	< 5
881764	74.56	16.19	0.82	0.082	0.03	0.26	3.59	2.10	0.002	0.22	0.46	98.31	< 1	185	< 5	< 20	< 1	< 20	< 10	50	36	4	< 5

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
881701	859	21	< 2	12	34	< 2	< 0.5	< 0.2	42	< 0.5	48.6	15	< 0.4	1.2	59.7	< 1	6.3	12	2.6	1.3	< 0.01	< 0.01
881702	715	37	< 2	5	78	< 2	< 0.5	< 0.2	20	0.7	37.7	47	0.4	0.4	51.0	< 1	4.9	21	4.1	3.1	0.78	1.68
881703	928	29	< 2	7	29	< 2	< 0.5	< 0.2	52	0.7	54.5	47	37.7	0.7	14.5	< 1	6.1	14	1.1	1.9	0.90	1.93
881704	637	26	< 2	22	27	< 2	< 0.5	< 0.2	85	0.7	40.1	39	0.7	2.1	22.2	1	3.3	16	1.0	2.6	0.10	0.21
881705	463	24	< 2	23	66	< 2	< 0.5	< 0.2	99	0.7	34.1	44	< 0.4	2.3	44.1	< 1	2.3	15	0.8	1.7	0.45	0.97
881706	516	21	3	38	22	< 2	< 0.5	< 0.2	63	0.7	31.2	23	1.4	3.5	11.9	< 1	2.7	33	2.5	9.2	0.56	1.21
881707	718	26	< 2	21	62	< 2	< 0.5	< 0.2	97	0.7	45.4	26	4.1	1.9	32.7	< 1	3.8	14	2.3	4.7	1.09	2.35
881708	591	21	< 2	27	62	< 2	< 0.5	< 0.2	160	0.6	49.7	39	1.6	2.9	66.6	< 1	3.1	28	3.6	12.9	0.48	1.02
881709	1570	40	< 2	12	24	< 2	< 0.5	< 0.2	80	0.6	84.3	46	0.7	1.5	25.1	< 1	11.2	22	1.0	3.2	0.69	1.49
881710	597	24	3	14	39	< 2	< 0.5	< 0.2	93	< 0.5	45.9	21	1.1	1.5	33.8	< 1	5.2	30	1.3	5.4	0.72	1.55
881751	961	24	< 2	12	50	< 2	< 0.5	< 0.2	33	0.7	40.3	15	< 0.4	1.2	53.2	< 1	7.1	24	4.2	2.1	0.78	1.68
881752	454	25	< 2	6	84	< 2	< 0.5	< 0.2	20	< 0.5	34.4	19	1.1	0.2	54.6	< 1	3.6	9	1.2	1.3	0.92	1.99
881753	530	41	< 2	< 4	32	< 2	< 0.5	< 0.2	23	0.6	43.1	155	0.9	0.4	38.5	8	3.3	23	1.7	1.3	0.98	2.12
881754	458	30	< 2	16	59	< 2	< 0.5	< 0.2	33	0.7	27.0	157	< 0.4	2.1	65.2	< 1	2.7	20	2.9	2.8	0.19	0.41
881755	1800	41	< 2	12	38	< 2	< 0.5	< 0.2	41	0.7	131	87	19.2	1.3	29.7	< 1	13.4	18	1.9	3.0	0.47	1.01
881756	812	23	< 2	14	39	< 2	< 0.5	< 0.2	85	0.8	63.3	37	6.6	2.0	27.4	< 1	6.5	15	2.5	4.5	1.08	2.32
881757	984	85	< 2	13	47	< 2	< 0.5	< 0.2	48	0.7	65.2	145	32.8	1.7	30.7	< 1	7.3	20	3.1	5.0	0.52	1.13
881758	652	22	< 2	5	9	< 2	< 0.5	< 0.2	63	0.7	52.1	36	30.9	0.9	6.8	< 1	4.5	17	1.2	3.2	0.93	1.99
881759	634	28	< 2	5	24	< 2	< 0.5	< 0.2	61	0.7	51.4	79	20.1	0.8	22.8	< 1	3.9	19	1.2	3.5	1.07	2.31
881760	433	26	< 2	12	50	< 2	< 0.5	< 0.2	97	0.7	36.2	30	1.2	1.8	90.0	< 1	2.6	21	1.8	3.1	0.79	1.70
881711	818	20	< 2	15	60	< 2	< 0.5	< 0.2	112	0.6	54.8	47	1.8	2.0	83.3	< 1	5.3	24	1.5	4.6	0.94	2.01
881712	453	68	< 2	27	92	< 2	< 0.5	< 0.2	132	0.7	54.2	237	2.0	3.9	165	1	2.8	25	2.7	6.4	0.80	1.72
881713	542	19	< 2	24	46	< 2	< 0.5	< 0.2	129	0.7	62.2	33	1.1	3.8	195	2	3.5	25	2.3	4.1	0.94	2.02
881761	291	103	< 2	9	26	< 2	< 0.5	< 0.2	88	0.6	23.6	117	0.5	1.0	14.6	< 1	1.3	26	2.7	5.2	0.95	2.05
881762	287	32	< 2	14	47	< 2	< 0.5	< 0.2	103	0.7	38.9	48	0.8	1.9	84.7	< 1	1.3	22	1.9	3.4	1.15	2.47
881763	801	28	< 2	28	35	< 2	< 0.5	< 0.2	93	0.7	45.1	49	1.2	3.0	38.9	< 1	4.0	22	2.3	6.6	0.27	0.59
881764	877	39	< 2	27	69	< 2	< 0.5	< 0.2	118	0.6	97.0	72	1.2	4.6	246	< 1	6.0	25	4.5	9.5	0.88	1.89

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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	11.26	1.86	0.74	0.010	0.33	42.87	0.95	0.55	0.120	30.19					1612								
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	46.79	17.91	9.64	0.150	10.14	11.37	1.91	0.23	0.490	0.07			31		146	280	51	250	100	70	13		
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	270	57	247	100	70	15		
GBW 07113 Meas	72.12	13.24	3.15	0.140	0.14	0.60	2.57	5.42	0.280	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	28	50	30	140			29
LKSD-3 Cert																87.0	30.0	47.0	35.0	152			27.0
TDB-1 Meas																240		100	340	160			
TDB-1 Cert																251		92	323	155			
W-2a Meas	52.64	15.51	10.33	0.170	6.40	11.01	2.22	0.62	1.080	0.15			35	< 1	263	90	44	70	110	90	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	50.44	20.21	6.32	0.100	0.50	8.14	6.80	1.64	0.290	0.14			< 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	40			
CTA-AC-1 Cert																			54.0	38.0			
BIR-1a Meas	47.76	15.58	11.01	0.170	9.62	13.52	1.85	0.03	0.970	0.03			44	< 1	325	380	49	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																							
NCS DC70009 (GBW07241) Meas																	3		950	90	16	10	70
NCS DC70009 (GBW07241) Cert																	3.7		960	100	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																	17		160				
OREAS 100a (Fusion) Cert																	18.1		169				
OREAS 101a (Fusion) Meas																	47		420				
OREAS 101a (Fusion) Cert																	48.8		430				
OREAS 101b (Fusion) Meas																	45		420				
OREAS 101b (Fusion) Cert																	47		420				
JR-1 Meas																		< 20			16	2	17
JR-1 Cert																		1.67			16.1	1.88	16.3
NCS DC86303 Meas																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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 DC86303 Cert																							
NCS DC86304 Meas																							
NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
881707 Orig																							
881707 Dup																							
881755 Orig	73.12	15.84	0.61	0.053	0.08	0.20	4.13	3.68	0.012	0.20	0.40	98.32	< 1	193	< 5	< 20	< 1	< 20	< 10	40	32	6	< 5
881755 Dup	74.29	15.37	0.63	0.050	0.09	0.20	4.16	3.73	0.012	0.21	0.40	99.14	< 1	194	< 5	< 20	< 1	< 20	< 10	40	31	5	< 5
881764 Orig	75.08	15.87	0.79	0.082	0.03	0.26	3.62	2.10	0.002	0.22	0.46	98.51	< 1	186	< 5	< 20	< 1	< 20	< 10	50	35	4	< 5
881764 Dup	74.04	16.51	0.84	0.083	0.03	0.26	3.57	2.10	0.002	0.22	0.46	98.10	< 1	184	< 5	< 20	< 1	< 20	< 10	50	37	4	< 5
Method Blank	< 0.01	< 0.01	< 0.01	0.002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	0.01			< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank																							
Method Blank																							

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
NIST 694 Meas																						
NIST 694 Cert																						
DNC-1 Meas	3	144	15	35								109						7				
DNC-1 Cert	5	144.0	18.0	38								118						6.3				
GBW 07113 Meas		40	45	388								506										
GBW 07113 Cert		43.0	43.0	403								506										
LKSD-3 Meas	63					2	2.5		2		2.1			4.5	0.8				10.3	4.5		
LKSD-3 Cert	78.0					2.00	2.70		3.00		2.30			4.80	0.700				11.4	4.60		
TDB-1 Meas	21																		2.7			
TDB-1 Cert	23																		2.7			
W-2a Meas	21	197	19	91	7	< 2				0.8	0.9	172	< 0.4	2.4		3	< 0.1		2.3	0.6		
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600				0.790	0.990	182	0.0300	2.60		0.300	0.200		2.40	0.530		
SY-4 Meas		1205	117	545								344										
SY-4 Cert		1191	119	517								340										
CTA-AC-1 Meas															2.7				21.8	4.3		
CTA-AC-1 Cert															2.65				21.8	4.4		
BIR-1a Meas		110	14	15								6		0.6				< 5				
BIR-1a Cert		110	16	18								6		0.60				3				
NCS DC86312 Meas																			25.2			
NCS DC86312 Cert																			23.6			
NCS DC70009 (GBW07241) Meas	476						1.7		1600	3.3	40.9					2220	2.0		30.1			
NCS DC70009 (GBW07241) Cert	500						1.8		1700	3.1	41					2200	1.8		28.3			
OREAS 100a (Fusion) Meas						22													51.2	136		
OREAS 100a (Fusion) Cert						24.1													51.6	135		
OREAS 101a (Fusion) Meas						21													37.6	447		
OREAS 101a (Fusion) Cert						21.9													36.6	422		
OREAS 101b (Fusion) Meas						20													37.2	427		
OREAS 101b (Fusion) Cert						21													37.1	396		
JR-1 Meas	279				14	3		< 0.2	3	1.2	19.7		0.6	4.4	1.8		1.5	19	25.1	8.5		
JR-1 Cert	257				15.2	3.25		0.028	2.86	1.19	20.8		0.56	4.51	1.86		1.56	19.3	26.7	8.88		
NCS DC86303 Meas																					0.21	0.45
NCS DC86303																					0.21	0.460

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
Cert																						
NCS DC86304 Meas																					1.06	2.28
NCS DC86304 Cert																					1.06	2.29
NCS DC86314 Meas																					1.77	3.81
NCS DC86314 Cert																					1.81	3.89
Lithium Tetraborate FX-LT 100 lot#220610B Meas																					8.37	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																					8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																					8.37	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																					8	
881707 Orig																					1.09	2.35
881707 Dup																					1.09	2.35
881755 Orig	1820	43	< 2	12	37	< 2	< 0.5	< 0.2	39	0.7	131	87	19.1	1.3	30.7	2	12.6	19	2.0	3.0	0.46	0.99
881755 Dup	1780	40	< 2	12	38	< 2	< 0.5	< 0.2	43	0.7	130	88	19.2	1.3	28.7	< 1	14.1	16	1.8	3.0	0.48	1.02
881764 Orig	860	39	< 2	27	68	< 2	< 0.5	< 0.2	115	0.6	94.2	72	1.1	4.4	239	< 1	5.8	27	4.4	9.1		
881764 Dup	894	40	< 2	28	69	< 2	< 0.5	< 0.2	120	0.7	99.8	72	1.3	4.8	252	< 1	6.2	23	4.6	9.9		
Method Blank	< 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		
Method Blank																					< 0.01	< 0.01
Method Blank																					< 0.01	< 0.01

Quality Analysis ... *Innovative Technologies*

Date Submitted: 29-Aug-17
Invoice No.: A17-09301
Invoice Date: 18-Sep-17
Your Reference:

Rock Tech Lithium Inc.
600 777 Hornby Street
Vancouver BC V6Z 1S4
Canada

ATTN: Brad Barnett - Invoices

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 4Litho-Pegmatite Special Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion

REPORT **A17-09301**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +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	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
881765	76.38	15.57	0.91	0.086	0.04	0.13	3.60	1.80	0.003	0.14	0.25	98.90	< 1	165	< 5	< 20	< 1	< 20	< 10	< 30	34	3	< 5
881766	74.75	15.54	0.80	0.083	0.04	0.27	4.24	2.75	0.002	0.17	0.41	99.04	< 1	147	< 5	30	< 1	< 20	< 10	80	32	3	< 5
881767	74.67	14.76	0.82	0.108	0.07	0.44	5.65	3.09	0.004	0.28	0.34	100.2	< 1	6	< 5	20	< 1	< 20	< 10	< 30	16	2	< 5
881768	74.84	16.35	0.88	0.081	0.04	0.30	3.98	2.28	0.002	0.19	0.77	99.71	< 1	151	< 5	20	< 1	< 20	< 10	110	39	3	< 5
881769	75.73	15.97	0.70	0.045	0.04	0.24	4.54	1.79	0.002	0.16	0.43	99.65	< 1	147	< 5	20	< 1	< 20	< 10	70	33	4	< 5
881770	78.16	15.51	0.88	0.074	0.05	0.18	2.70	1.04	0.002	0.13	0.64	99.38	< 1	178	< 5	30	< 1	< 20	< 10	60	39	3	< 5

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
881765	560	14	< 2	36	27	< 2	< 0.5	< 0.2	72	< 0.5	32.7	16	1.1	3.1	17.4	< 1	2.6	17	1.4	4.1	0.87	1.88
881766	850	27	< 2	10	27	< 2	< 0.5	< 0.2	54	< 0.5	42.2	26	0.4	1.1	20.6	< 1	4.6	16	1.6	4.4	0.52	1.11
881767	192	32	< 2	6	3	< 2	< 0.5	< 0.2	8	< 0.5	23.0	96	< 0.4	0.3	1.7	< 1	1.4	14	0.6	0.9	< 0.01	< 0.01
881768	644	36	< 2	16	33	< 2	< 0.5	< 0.2	67	< 0.5	36.4	42	1.1	1.6	25.1	4	3.0	21	2.4	8.7	0.62	1.33
881769	590	37	< 2	8	51	< 2	< 0.5	< 0.2	81	< 0.5	39.1	77	< 0.4	1.1	75.6	1	3.6	12	1.6	4.0	0.65	1.41
881770	415	18	< 2	10	66	< 2	< 0.5	< 0.2	82	< 0.5	46.7	40	1.0	1.4	85.2	2	2.3	9	2.2	5.3	1.16	2.50

Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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	11.12	1.89	0.76	0.010	0.35	44.13	0.87	0.54	0.120	30.25			1615										
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	46.94	18.65	9.75	0.140	9.75	11.12	1.90	0.22	0.480	0.05	31		152	280	52	260	100	70	14				144
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	270	57	247	100	70	15				144.0
GBW 07113 Meas	72.32	12.80	3.14	0.140	0.15	0.56	2.49	5.42	0.270	0.02	5	4	5										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
LKSD-3 Meas														80	28	50	40	150			30	78	
LKSD-3 Cert														87.0	30.0	47.0	35.0	152			27.0	78.0	
TDB-1 Meas														250		90	350	160				24	
TDB-1 Cert														251		92	323	155				23	
W-2a Meas	52.60	15.37	10.68	0.170	6.38	10.82	2.19	0.61	1.090	0.14	35	< 1	269	100	44	80	110	80	19	2	< 5	20	197
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	49.85	20.42	6.12	0.110	0.51	8.00	6.95	1.67	0.290	0.11	1	3	8										1198
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	40					
CTA-AC-1 Cert																	54.0	38.0					
BIR-1a Meas	47.65	15.96	11.17	0.170	9.51	13.13	1.80	0.02	0.990	< 0.01	44	< 1	325	390	48	170	130	70	16				111
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				110
NCS DC86312 Meas																							
NCS DC86312 Cert																							
NCS DC70009 (GBW07241) Meas																	960	100	17	11	71	512	
NCS DC70009 (GBW07241) Cert																	960	100	16.5	11.2	69.9	500	
OREAS 100a (Fusion) Meas															17		180						
OREAS 100a (Fusion) Cert															18.1		169						
OREAS 101a (Fusion) Meas															46		420						
OREAS 101a (Fusion) Cert															48.8		430						
OREAS 101b (Fusion) Meas															45		430						
OREAS 101b (Fusion) Cert															47		420						
JR-1 Meas																< 20	< 10	30	16		17	252	
JR-1 Cert																1.67	2.68	30.6	16.1		16.3	257	
NCS DC86303 Meas																							

Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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
NCS DC86303 Cert																							
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Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
881766 Orig																							
881766 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.01	0.01	< 0.01	0.002	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

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
NIST 694 Meas																				
NIST 694 Cert																				
DNC-1 Meas	15	36						0.9		107										
DNC-1 Cert	18.0	38						0.96		118										
GBW 07113 Meas	43	391								498										
GBW 07113 Cert	43.0	403								506										
LKSD-3 Meas				< 2	2.7		2		2.3			4.5	0.8				10.7	4.3		
LKSD-3 Cert				2.00	2.70		3.00		2.30			4.80	0.700				11.4	4.60		
TDB-1 Meas																	2.7			
TDB-1 Cert																	2.7			
W-2a Meas	18	93	8	< 2				0.8		174	< 0.4	2.3	0.5	2	< 0.1	9	2.3	0.5		
W-2a Cert	24.0	94.0	7.90	0.600				0.790		182	0.0300	2.60	0.500	0.300	0.200	9.30	2.40	0.530		
SY-4 Meas	115	555								349										
SY-4 Cert	119	517								340										
CTA-AC-1 Meas												1.9	2.7				22.1	4.3		
CTA-AC-1 Cert												1.13	2.65				21.8	4.4		
BIR-1a Meas	13	14								7		0.6								
BIR-1a Cert	16	18								6		0.60								
NCS DC86312 Meas																	24.2			
NCS DC86312 Cert																	23.6			
NCS DC70009 (GBW07241) Meas						1.0	1640	3.3	38.1					2230			30.3			
NCS DC70009 (GBW07241) Cert						1.3	1700	3.1	41					2200			28.3			
OREAS 100a (Fusion) Meas				23													51.3	136		
OREAS 100a (Fusion) Cert				24.1													51.6	135		
OREAS 101a (Fusion) Meas				22													33.0	388		
OREAS 101a (Fusion) Cert				21.9													36.6	422		
OREAS 101b (Fusion) Meas				20													37.5	411		
OREAS 101b (Fusion) Cert				21													37.1	396		
JR-1 Meas			16	3		< 0.2	3	1.1	20.3		0.6	4.2	2.0		1.6	18	25.4	8.4		
JR-1 Cert			15.2	3.25		0.028	2.86	1.19	20.8		0.56	4.51	1.86		1.56	19.3	26.7	8.88		
NCS DC86303 Meas																			0.21	0.45
NCS DC86303																			0.21	0.460

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
Cert																				
NCS DC86303 Meas																			0.20	0.44
NCS DC86303 Cert																			0.21	0.460
NCS DC86303 Meas																			0.21	0.45
NCS DC86303 Cert																			0.21	0.460
NCS DC86303 Meas																			0.21	0.45
NCS DC86303 Cert																			0.21	0.460
NCS DC86304 Meas																			1.08	2.33
NCS DC86304 Cert																			1.06	2.29
NCS DC86304 Meas																			1.06	2.29
NCS DC86304 Cert																			1.06	2.29
NCS DC86304 Meas																			1.09	2.35
NCS DC86304 Cert																			1.06	2.29
NCS DC86304 Meas																			1.09	2.35
NCS DC86304 Cert																			1.06	2.29
NCS DC86314 Meas																			1.78	3.84
NCS DC86314 Cert																			1.81	3.89
NCS DC86314 Meas																			1.74	3.76
NCS DC86314 Cert																			1.81	3.89
NCS DC86314 Meas																			1.82	3.92
NCS DC86314 Cert																			1.81	3.89
NCS DC86314 Meas																			1.80	3.87
NCS DC86314 Cert																			1.81	3.89
Lithium Tetraborate FX-LT																			8.17	

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower 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
Method Code	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-Na2O2	FUS-Na2O2
100 lot#220610B Meas																				
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.39	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.06	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.00	
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8	
881766 Orig																			0.52	1.11
881766 Dup																			0.52	1.11
Method Blank																			< 0.01	0.01
Method Blank																			< 0.01	< 0.01
Method Blank																			< 0.01	< 0.01
Method Blank																			< 0.01	< 0.01
Method Blank	< 2	< 4	< 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: 16-Nov-17
Invoice No.: A17-13069
Invoice Date: 19-Dec-17
Your Reference:

Rock Tech Lithium Inc.
600 777 Hornby Street
Vancouver BC V6Z 1S4
Canada

ATTN: Brad Barnett - Invoices

CERTIFICATE OF ANALYSIS

55 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4Litho-Pegmatite Special Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion

Code Specific Gravity Pulp

REPORT **A17-13069**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +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	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
294151	63.08	15.83	7.50	0.106	3.00	2.53	3.21	2.88	0.651	0.13	1.05	99.97	18	2	133	180	24	80	50	90	19	1	< 5
294152	75.44	16.06	0.83	0.096	0.05	0.23	4.80	2.60	0.004	0.10	0.57	100.8	< 1	165	< 5	< 20	< 1	< 20	< 10	40	36	3	< 5
294153	60.98	16.69	7.57	0.109	3.25	2.30	3.68	3.25	0.699	0.14	1.08	99.76	21	6	156	180	27	80	50	90	21	1	< 5
294154	63.24	15.99	6.44	0.093	2.64	2.83	3.61	2.42	0.623	0.12	1.02	99.02	15	6	115	140	21	90	30	90	21	2	< 5
294155	75.00	15.48	0.70	0.075	0.03	0.22	4.46	1.83	0.003	0.19	0.66	98.65	< 1	194	< 5	< 20	< 1	< 20	< 10	50	43	5	< 5
294156	74.53	15.65	0.88	0.092	0.04	0.24	3.68	2.83	0.003	0.18	0.48	98.61	< 1	174	< 5	< 20	< 1	< 20	< 10	170	36	4	< 5
294157	73.93	15.21	0.87	0.206	0.03	0.25	4.88	2.33	0.002	0.13	0.63	98.46	< 1	264	< 5	< 20	< 1	< 20	30	240	34	4	< 5
294158	73.57	16.41	0.63	0.066	0.03	0.18	4.16	3.32	0.002	0.14	0.35	98.86	< 1	147	< 5	< 20	< 1	< 20	< 10	< 30	34	4	< 5
294159	62.95	15.75	8.12	0.102	3.20	2.14	2.91	3.13	0.694	0.18	1.20	100.4	17	8	122	210	28	90	90	110	20	2	< 5
294160	86.99	7.90	1.63	0.050	0.05	0.16	1.74	1.30	0.035	0.08	0.15	100.1	< 1	75	< 5	30	1	30	30	50	22	3	< 5
294161	66.29	13.70	6.68	0.118	2.71	3.65	2.57	1.77	0.539	0.13	1.35	99.51	15	2	105	150	22	70	70	150	16	1	< 5
294162	72.14	16.61	0.70	0.084	0.07	0.21	4.69	3.59	0.005	0.11	0.59	98.80	< 1	134	< 5	< 20	< 1	< 20	< 10	40	34	3	< 5
294163	76.66	15.66	0.93	0.130	0.04	0.24	3.64	1.71	0.003	0.26	0.50	99.76	< 1	194	< 5	< 20	< 1	< 20	< 10	70	43	4	< 5
294164	60.19	23.40	0.95	0.018	0.10	0.44	9.96	4.83	0.010	< 0.01	0.59	100.5	< 1	2	< 5	< 20	< 1	< 20	< 10	< 30	23	< 1	< 5
294165	65.39	13.97	6.58	0.104	2.89	3.86	2.78	1.89	0.556	0.13	0.93	99.08	15	2	111	150	21	70	50	90	17	1	< 5
294166	63.70	15.26	6.83	0.101	3.73	3.57	3.03	2.06	0.580	0.16	1.21	100.2	16	2	114	250	15	40	30	70	17	1	< 5
294167	74.79	15.84	0.57	0.065	0.05	0.24	4.84	2.43	0.003	0.15	0.55	99.54	< 1	185	< 5	< 20	< 1	< 20	< 10	50	36	4	< 5
294168	64.55	15.40	6.49	0.110	3.47	3.53	2.73	2.30	0.566	0.16	1.11	100.4	15	4	108	240	20	70	40	90	18	2	< 5
294169	74.44	15.71	0.54	0.061	0.09	0.38	5.15	2.12	0.007	0.16	0.66	99.33	< 1	166	< 5	< 20	< 1	< 20	< 10	40	37	4	< 5
294170	39.43	7.93	3.64	0.124	7.99	16.70	1.64	2.04	0.409	0.07	18.82	98.80	8	1	59	30	7	20	20	30	11	< 1	< 5
294171	62.89	14.69	7.17	0.146	3.89	3.08	3.55	2.18	0.564	0.16	1.73	100.1	17	6	118	280	23	70	40	190	19	2	< 5
294172	61.49	14.50	7.90	0.139	4.52	3.55	2.12	3.18	0.623	0.19	1.47	99.68	23	6	156	320	28	90	70	120	20	1	< 5
294173	73.94	16.02	0.58	0.077	0.06	0.40	5.57	1.70	0.007	0.20	0.51	99.07	< 1	216	< 5	< 20	< 1	< 20	< 10	< 30	36	4	< 5
294174	73.03	15.99	0.54	0.060	0.07	0.23	4.78	3.34	0.006	0.19	0.43	98.66	< 1	136	< 5	< 20	< 1	< 20	< 10	< 30	35	4	< 5
294175	60.91	16.27	7.31	0.115	3.83	3.24	3.53	2.57	0.625	0.19	1.32	99.92	17	5	122	290	24	80	50	150	20	1	< 5
294176	62.47	16.72	6.85	0.088	3.17	1.96	3.68	3.11	0.575	0.18	1.05	99.86	15	13	109	180	22	70	< 10	80	19	2	< 5
294177	75.54	15.51	0.56	0.048	0.10	0.21	5.37	2.30	0.003	0.13	0.68	100.4	< 1	243	< 5	< 20	< 1	< 20	20	40	38	5	< 5
294178	64.14	16.00	6.43	0.120	2.93	1.83	3.75	2.33	0.533	0.15	1.71	99.92	14	5	100	180	19	60	30	70	18	1	< 5
294179	63.27	15.13	6.18	0.100	3.56	3.09	2.70	2.57	0.518	0.35	1.21	98.67	14	18	105	240	19	50	40	80	20	1	< 5
294180	73.13	16.39	3.38	0.096	0.09	0.28	3.46	2.49	0.005	0.12	-0.01	99.43	< 1	159	< 5	30	1	40	50	100	40	5	< 5
294181	73.53	15.67	1.00	0.091	0.29	0.57	5.18	1.54	0.038	0.24	0.87	99.01	< 1	161	9	< 20	1	< 20	< 10	130	37	3	< 5
294182	73.90	17.15	0.65	0.086	0.04	0.19	4.02	2.45	0.003	0.15	0.48	99.14	< 1	183	< 5	< 20	< 1	< 20	< 10	130	41	5	< 5
294183	64.51	15.67	6.31	0.102	3.63	3.26	2.78	2.06	0.533	0.20	1.40	100.4	15	5	107	240	21	70	90	100	19	2	< 5
294184	64.06	15.88	5.44	0.133	2.89	2.70	4.02	2.73	0.454	0.68	1.15	100.1	13	33	92	220	20	70	< 10	110	26	2	< 5
294185	66.31	20.68	0.88	0.047	0.21	0.50	6.22	2.76	0.032	0.22	1.36	99.23	< 1	239	8	< 20	1	< 20	< 10	30	60	3	< 5
294186	63.89	15.32	6.03	0.118	3.37	3.01	2.98	2.56	0.544	0.18	1.24	99.23	16	8	119	190	20	70	20	70	19	1	< 5
294187	73.66	16.13	0.79	0.091	0.06	0.27	4.32	2.72	0.003	0.25	0.53	98.82	< 1	173	< 5	< 20	< 1	< 20	20	60	39	4	< 5
294188	74.34	16.55	0.72	0.077	0.06	0.19	4.39	1.59	0.002	0.19	0.51	98.62	< 1	178	< 5	< 20	< 1	< 20	< 10	< 30	39	4	< 5
294189	60.63	15.55	8.76	0.127	4.02	3.57	2.46	2.72	0.689	0.19	1.49	100.2	18	5	149	430	25	80	70	310	20	2	< 5
294190	39.96	7.97	3.13	0.112	7.22	17.65	1.61	2.22	0.333	0.10	19.79	100.1	6	1	47	20	4	< 20	20	< 30	12	< 1	< 5
294191	63.00	15.23	6.41	0.100	3.48	4.63	2.88	1.99	0.521	0.16	1.00	99.40	14	2	112	260	22	70	40	80	18	1	< 5

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
294192	75.86	15.78	0.80	0.115	0.03	0.24	4.01	2.61	0.002	0.27	0.43	100.2	< 1	185	< 5	< 20	< 1	< 20	< 10	100	40	4	< 5
294193	75.10	15.40	0.79	0.073	0.06	0.30	4.14	2.15	0.007	0.21	0.47	98.71	< 1	173	< 5	< 20	< 1	< 20	< 10	60	41	4	< 5
294194	64.92	14.41	5.77	0.097	3.65	4.39	2.91	2.05	0.494	0.19	1.08	99.97	14	6	104	230	20	60	50	80	19	1	< 5
294195	64.69	15.03	6.21	0.097	3.60	3.53	2.99	2.46	0.514	0.18	0.99	100.3	15	11	108	260	20	70	40	90	19	1	< 5
294196	72.20	15.77	0.60	0.040	0.07	0.84	7.23	1.97	0.006	0.24	0.85	99.81	< 1	156	< 5	< 20	< 1	< 20	10	< 30	40	3	< 5
294197	74.58	15.43	0.85	0.126	0.09	0.18	4.83	2.95	0.002	0.09	0.68	99.81	< 1	160	< 5	< 20	< 1	< 20	< 10	60	41	4	< 5
294198	73.68	15.69	0.66	0.044	0.08	0.23	5.69	3.58	0.002	0.10	0.70	100.5	< 1	160	< 5	< 20	< 1	< 20	< 10	40	39	3	< 5
294199	73.18	16.19	0.64	0.032	0.07	0.33	6.80	2.03	0.011	0.13	0.53	99.94	< 1	198	< 5	< 20	< 1	< 20	< 10	< 30	36	5	< 5
294200	86.62	7.73	1.59	0.046	0.05	0.17	1.71	1.30	0.033	0.08	0.10	99.41	< 1	74	< 5	30	1	30	30	50	21	3	< 5
294201	64.51	14.67	5.94	0.094	3.52	3.84	2.86	2.25	0.549	0.16	1.03	99.43	15	12	107	270	22	60	50	100	20	3	< 5
294202	63.16	14.55	6.48	0.097	3.88	4.36	2.84	2.15	0.580	0.16	1.00	99.25	16	2	116	310	24	70	50	90	19	3	< 5
294203	74.13	16.25	0.80	0.056	0.06	0.37	4.43	2.34	0.004	0.22	0.56	99.22	< 1	179	7	< 20	< 1	< 20	< 10	90	42	4	< 5
294204	74.61	16.35	0.58	0.051	0.04	0.25	6.13	1.98	0.002	0.14	0.65	100.8	< 1	193	< 5	< 20	< 1	< 20	< 10	60	44	5	< 5
294205	64.71	14.37	5.96	0.091	3.62	4.22	3.25	1.93	0.548	0.19	0.98	99.85	15	14	110	290	23	70	50	90	20	3	< 5

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
294151	173	303	9	119	4	< 2	0.7	< 0.2	2	< 0.5	58.9	755	0.4	3.1	0.5	2	0.6	12	6.6	1.2	0.10	0.21	
294152	590	35	4	15	17	< 2	< 0.5	< 0.2	51	< 0.5	34.5	150	1.1	1.3	10.2	< 1	3.4	17	1.3	3.8	0.40	0.87	
294153	519	293	11	124	5	< 2	0.8	< 0.2	13	< 0.5	185	997	< 0.4	3.2	0.6	< 1	3.6	14	6.8	2.2	0.12	0.26	
294154	220	392	10	122	6	< 2	< 0.5	< 0.2	13	< 0.5	50.5	724	< 0.4	3.0	1.2	< 1	1.6	15	5.6	5.1	0.11	0.24	
294155	660	24	< 2	16	36	< 2	< 0.5	< 0.2	82	< 0.5	42.1	25	2.0	1.7	31.2	< 1	3.3	14	1.4	4.8	0.45	0.97	
294156	781	25	< 2	9	12	< 2	< 0.5	< 0.2	51	< 0.5	40.5	25	1.2	1.2	16.8	< 1	5.2	18	1.4	7.8	0.68	1.46	
294157	609	22	< 2	4	9	< 2	< 0.5	< 0.2	49	< 0.5	35.3	27	2.0	0.6	8.6	< 1	4.2	25	2.3	6.5	0.23	0.50	
294158	865	24	< 2	8	12	< 2	< 0.5	< 0.2	44	< 0.5	44.4	19	0.7	1.0	16.6	< 1	6.2	14	1.0	2.1	0.60	1.29	
294159	468	326	13	164	5	< 2	0.9	< 0.2	23	< 0.5	205	603	< 0.4	3.7	1.4	3	4.4	14	8.5	2.5	0.15	0.32	
294160	338	24	5	73	20	12	< 0.5	< 0.2	38	< 0.5	19.9	65	< 0.4	2.3	15.7	< 1	1.8	9	2.2	2.7	0.36	0.77	
294161	115	366	13	107	2	< 2	0.6	< 0.2	3	< 0.5	23.8	459	< 0.4	2.4	0.5	< 1	1.2	13	7.1	2.6	0.07	0.14	2.77
294162	830	31	< 2	6	7	< 2	< 0.5	< 0.2	39	< 0.5	40.8	51	0.9	0.7	10.5	< 1	5.0	18	0.8	2.0	0.31	0.67	
294163	514	40	< 2	9	33	3	< 0.5	< 0.2	95	< 0.5	39.7	80	4.2	1.2	22.2	< 1	2.6	18	1.4	4.2	0.78	1.68	
294164	68	46	5	49	< 1	< 2	< 0.5	< 0.2	1	< 0.5	1.1	28	< 0.4	1.2	0.3	< 1	1.3	< 5	0.4	0.3	< 0.01	0.02	
294165	116	397	12	116	3	< 2	0.6	< 0.2	6	< 0.5	17.0	486	< 0.4	2.8	0.6	< 1	0.8	13	6.8	2.0	0.09	0.19	
294166	143	525	10	145	4	< 2	0.6	< 0.2	2	< 0.5	59.6	565	< 0.4	3.2	0.7	< 1	0.8	17	7.2	1.3	0.10	0.21	
294167	845	33	< 2	20	63	< 2	< 0.5	< 0.2	88	< 0.5	66.2	48	0.8	2.9	89.9	< 1	5.4	15	2.2	4.1	0.41	0.87	
294168	397	509	10	140	4	< 2	0.6	< 0.2	9	< 0.5	169	508	< 0.4	3.1	1.0	< 1	3.8	15	7.1	2.0	0.09	0.20	
294169	728	56	< 2	18	72	< 2	< 0.5	< 0.2	100	< 0.5	61.0	128	0.7	3.4	205	1	4.9	17	3.0	5.0	0.42	0.90	
294170	44	225	25	190	4	< 2	0.7	< 0.2	2	< 0.5	0.8	525	< 0.4	4.9	0.5	< 1	0.9	5	4.0	1.2	< 0.01	< 0.01	
294171	125	375	11	137	4	< 2	0.6	< 0.2	8	< 0.5	18.9	654	< 0.4	3.2	1.0	2	0.7	13	7.6	2.1	0.04	0.09	2.82
294172	503	361	14	138	6	< 2	0.6	< 0.2	15	< 0.5	195	908	< 0.4	3.1	3.2	2	4.2	17	7.7	3.8	0.09	0.20	
294173	545	40	< 2	16	30	< 2	< 0.5	< 0.2	69	< 0.5	51.0	76	0.8	2.0	94.7	< 1	3.6	12	1.6	3.4	0.25	0.54	
294174	1150	42	< 2	19	47	< 2	< 0.5	< 0.2	96	< 0.5	85.9	73	0.7	2.7	157	1	8.5	19	1.8	4.1	0.39	0.84	
294175	208	486	12	165	5	< 2	0.5	< 0.2	7	< 0.5	97.9	844	< 0.4	3.6	3.3	3	2.5	20	8.3	2.5	0.08	0.16	
294176	766	326	10	125	5	< 2	< 0.5	< 0.2	42	< 0.5	347	752	< 0.4	2.8	1.7	1	5.9	14	6.6	1.1	0.13	0.28	
294177	643	31	3	17	54	< 2	< 0.5	< 0.2	78	< 0.5	42.0	106	3.1	2.3	90.0	< 1	3.4	13	1.6	3.7	0.17	0.36	
294178	288	299	11	120	4	< 2	< 0.5	< 0.2	8	< 0.5	95.5	533	< 0.4	2.8	0.9	5	2.6	13	6.6	1.5	0.07	0.16	
294179	800	362	8	143	7	< 2	< 0.5	< 0.2	29	< 0.5	380	444	0.5	3.3	8.7	19	6.5	11	6.8	2.1	0.11	0.24	
294180	660	45	3	18	45	23	< 0.5	< 0.2	75	< 0.5	39.1	111	0.7	1.9	30.3	1	3.8	20	1.8	6.7	0.71	1.52	
294181	562	47	< 2	19	38	< 2	< 0.5	< 0.2	76	< 0.5	82.0	56	0.7	1.5	93.0	3	3.8	11	2.1	4.1	0.22	0.47	2.79
294182	763	32	3	17	53	< 2	< 0.5	< 0.2	87	< 0.5	51.9	84	1.3	2.5	53.7	< 1	4.6	18	1.5	4.3	0.66	1.42	
294183	361	407	10	127	5	< 2	< 0.5	< 0.2	21	< 0.5	231	492	< 0.4	3.1	1.8	2	3.3	21	7.2	2.4	0.18	0.38	
294184	791	287	8	115	18	4	< 0.5	< 0.2	52	< 0.5	315	952	0.5	3.1	30.3	< 1	6.8	11	6.1	3.5	0.12	0.25	
294185	834	72	< 2	31	80	44	< 0.5	< 0.2	130	< 0.5	79.6	135	6.5	3.8	113	4	5.6	10	2.3	4.0	0.02	0.04	
294186	360	324	9	112	7	< 2	< 0.5	< 0.2	15	< 0.5	144	956	1.0	2.8	3.6	< 1	3.6	13	6.6	2.9	0.11	0.24	
294187	871	31	< 2	10	36	< 2	< 0.5	< 0.2	76	< 0.5	46.9	56	3.4	1.1	27.7	< 1	5.9	17	1.8	6.4	0.53	1.14	
294188	517	19	< 2	26	53	< 2	< 0.5	< 0.2	82	< 0.5	39.8	48	2.9	3.3	71.6	< 1	3.8	12	1.6	4.9	0.68	1.46	
294189	359	370	11	246	6	< 2	0.8	< 0.2	13	< 0.5	229	667	< 0.4	5.6	0.8	< 1	3.3	20	10.8	7.3	0.12	0.26	
294190	48	233	38	224	6	< 2	0.7	< 0.2	2	< 0.5	1.1	378	< 0.4	5.6	0.5	1	0.8	6	6.4	1.9	< 0.01	< 0.01	
294191	150	558	11	153	4	< 2	< 0.5	< 0.2	3	< 0.5	51.0	610	< 0.4	3.5	0.7	< 1	1.2	15	7.2	2.4	0.09	0.18	2.82

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
294192	856	23	2	16	34	< 2	< 0.5	< 0.2	80	< 0.5	50.2	20	3.3	1.5	23.9	1	5.6	18	2.0	8.9	0.66	1.43	
294193	701	35	< 2	15	36	< 2	< 0.5	< 0.2	96	< 0.5	49.6	38	1.7	1.7	35.8	< 1	5.0	13	1.5	4.8	0.61	1.32	
294194	213	490	10	130	6	< 2	< 0.5	< 0.2	8	< 0.5	67.8	621	< 0.4	3.1	2.6	< 1	2.3	14	6.8	2.2	0.10	0.21	
294195	438	468	10	143	7	< 2	< 0.5	< 0.2	27	< 0.5	180	663	< 0.4	3.3	2.8	4	3.8	13	6.9	2.9	0.10	0.21	
294196	482	55	3	23	21	< 2	< 0.5	< 0.2	81	< 0.5	39.6	61	< 0.4	2.1	19.6	< 1	2.9	10	1.8	2.2	0.02	0.05	
294197	698	33	< 2	18	36	< 2	< 0.5	< 0.2	69	< 0.5	51.8	59	< 0.4	2.1	49.1	1	4.0	20	1.7	3.0	0.22	0.48	
294198	870	36	< 2	23	30	< 2	< 0.5	< 0.2	62	< 0.5	71.0	61	< 0.4	2.9	38.7	< 1	5.4	20	2.0	3.5	0.02	0.05	
294199	518	31	2	20	20	2	0.6	< 0.2	57	< 0.5	43.0	45	0.8	4.8	24.8	3	3.2	13	2.1	3.1	< 0.01	0.02	
294200	342	24	2	60	20	11	1.0	< 0.2	38	< 0.5	18.5	63	1.0	4.4	15.3	4	3.1	11	2.6	2.9	0.35	0.76	
294201	297	527	10	147	7	2	1.1	0.2	22	< 0.5	105	701	1.0	6.3	2.9	3	3.3	19	7.8	4.0	0.08	0.17	2.81
294202	135	626	11	177	5	2	1.2	< 0.2	3	< 0.5	46.2	606	0.9	6.8	0.9	2	2.2	18	8.4	3.1	0.08	0.17	
294203	687	53	< 2	8	24	< 2	< 0.5	< 0.2	104	< 0.5	59.3	125	0.8	1.1	30.9	< 1	4.0	13	1.7	6.6	0.50	1.09	
294204	648	27	< 2	23	42	< 2	< 0.5	< 0.2	82	< 0.5	40.9	35	1.2	5.4	45.6	3	5.3	18	2.2	4.6	0.13	0.29	
294205	114	588	11	158	9	< 2	1.2	< 0.2	6	< 0.5	24.5	603	0.9	6.3	5.1	3	2.3	19	8.1	3.5	0.07	0.16	

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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	11.18	1.86	0.72	0.013	0.33	42.55	0.88	0.55	0.115	30.21					1614								
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	18.52	10.03	0.145	10.08	11.51	1.88	0.22	0.490	0.05			31		150	280	54	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	270	57	247	100	70			
GBW 07113 Meas	71.47	13.17	3.26	0.145	0.14	0.59	2.45	5.39	0.285	0.06			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																90	28	50	30	150			28
LKSD-3 Cert																87.0	30.0	47.0	35.0	152			27.0
TDB-1 Meas																250		90	340	140			
TDB-1 Cert																251		92	323	155			
W-2a Meas	52.70	15.43	11.29	0.165	6.12	11.22	2.20	0.62	1.101	0.13			35	< 1	269	90	44	70	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	49.92	19.94	6.00	0.107	0.49	8.10	6.89	1.66	0.283	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																			50	40			
CTA-AC-1 Cert																			54.0	38.0			
BIR-1a Meas	48.57	15.51	11.47	0.169	9.35	13.57	1.84	0.02	0.969	0.01			43	< 1	327	390	49	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 DC70009 (GBW07241) Meas																40	4		950	100	16	10	68
NCS DC70009 (GBW07241) Cert																30	3.7		960	100	16.5	11.2	69.9
OREAS 100a (Fusion) Meas																	18		170				
OREAS 100a (Fusion) Cert																	18.1		169				
OREAS 101a (Fusion) Meas																	44		440				
OREAS 101a (Fusion) Cert																	48.8		430				
OREAS 101b (Fusion) Meas																	46		420				
OREAS 101b (Fusion) Cert																	47		420				
JR-1 Meas																< 20		< 20	< 10	30	16		15
JR-1 Cert																2.83		1.67	2.68	30.6	16.1		16.3
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86303 Meas																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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 DC86303 Cert																							
NCS DC86303 Meas																							
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NCS DC86314 Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
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Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium																							

Analyte Symbol	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
Tetraborate FX-LT 100 lot#220610B Cert																							
294157 Orig																							
294157 Dup																							
294165 Orig	64.92	14.23	6.71	0.106	2.89	3.85	2.78	1.89	0.553	0.13	0.93	99.00	15	2	112	150	21	70	50	90	17	1	< 5
294165 Dup	65.87	13.70	6.45	0.102	2.88	3.86	2.78	1.89	0.559	0.13	0.93	99.16	15	2	110	150	21	70	50	100	17	1	< 5
294179 Orig																							
294179 Dup																							
294182 Orig	73.69	17.33	0.65	0.085	0.04	0.19	4.02	2.46	0.003	0.16	0.48	99.11	< 1	185	< 5	< 20	< 1	< 20	< 10	140	40	5	< 5
294182 Dup	74.12	16.97	0.66	0.086	0.05	0.19	4.02	2.45	0.003	0.14	0.48	99.17	< 1	181	< 5	< 20	< 1	< 20	< 10	130	41	5	< 5
294187 Orig																							
294187 Dup																							
294199 Orig	73.18	16.19	0.64	0.032	0.07	0.33	6.80	2.03	0.011	0.13	0.53	99.94	< 1	198	< 5	< 20	< 1	< 20	< 10	< 30	36	5	< 5
294199 Split PREP DUP	74.17	15.24	0.58	0.026	0.04	0.28	6.47	2.11	0.003	0.11	0.57	99.59	< 1	214	< 5	< 20	< 1	< 20	< 10	< 30	35	4	< 5
294200 Orig																							
294200 Dup																							
294205 Orig	64.88	14.71	6.01	0.090	3.61	4.22	3.22	1.89	0.560	0.18	0.98	100.3	15	14	109	300	23	70	50	90	20	3	< 5
294205 Dup	64.54	14.03	5.90	0.092	3.64	4.21	3.29	1.96	0.535	0.19	0.98	99.36	15	14	111	290	23	70	50	90	19	2	< 5
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.01	0.01	0.01	0.002	< 0.01	< 0.01	< 0.01	< 0.01	0.002	< 0.01			< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5
Method Blank	< 0.01	< 0.01	0.02	0.001	0.01	< 0.01	< 0.01	< 0.01	0.001	< 0.01			< 1	< 1	< 5								
Method Blank																							

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas		146	15	37						0.9		108						6					
DNC-1 Cert		144.0	18.0	38						0.96		118						6.3					
GBW 07113 Meas		40	46	390								496											
GBW 07113 Cert		43.0	43.0	403								506											
LKSD-3 Meas	73					< 2			2	1.5	2.1			4.5	0.8				10.9	4.6			
LKSD-3 Cert	78.0					2.00			3.00	1.30	2.30			4.80	0.700				11.4	4.60			
TDB-1 Meas	22																		2.7				
TDB-1 Cert	23																		2.7				
W-2a Meas	19	192	19	90	8	< 2						173	< 0.4	2.5	0.4	< 1	< 0.1		2.3	0.6			
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600						182	0.0300	2.60	0.500	0.300	0.200		2.40	0.530			
SY-4 Meas		1209	117	529								343											
SY-4 Cert		1191	119	517								340											
CTA-AC-1 Meas														1.2	2.7				23.3	4.2			
CTA-AC-1 Cert														1.13	2.65				21.8	4.4			
BIR-1a Meas		109	14	13	< 1							7		0.6				< 5					
BIR-1a Cert		110	16	18	0.6							6		0.60				3					
NCS DC70009 (GBW07241) Meas	507						2.0	1.0	1600	3.2	39.4					2270	1.7		30.6				
NCS DC70009 (GBW07241) Cert	500						1.8	1.3	1700	3.1	41					2200	1.8		28.3				
OREAS 100a (Fusion) Meas						23													52.7	134			
OREAS 100a (Fusion) Cert						24.1													51.6	135			
OREAS 101a (Fusion) Meas						21													36.2	444			
OREAS 101a (Fusion) Cert						21.9													36.6	422			
OREAS 101b (Fusion) Meas						20													39.3				
OREAS 101b (Fusion) Cert						21													37.1				
JR-1 Meas	245				15	3		< 0.2	2		18.8		0.5	4.4		1		19	27.1	9.1			
JR-1 Cert	257				15.2	3.25		0.028	2.86		20.8		0.56	4.51		1.59		19.3	26.7	8.88			
NCS DC86303 Meas																					0.21	0.46	
NCS DC86303 Cert																					0.21	0.460	
NCS DC86303 Meas																					0.21	0.45	

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
NCS DC86303 Cert																					0.21	0.460	
NCS DC86303 Meas																					0.22	0.48	
NCS DC86303 Cert																					0.21	0.460	
NCS DC86304 Meas																					1.08	2.32	
NCS DC86304 Cert																					1.06	2.29	
NCS DC86304 Meas																					1.06	2.29	
NCS DC86304 Cert																					1.06	2.29	
NCS DC86304 Meas																					1.07	2.31	
NCS DC86304 Cert																					1.06	2.29	
NCS DC86314 Meas																					1.76	3.79	
NCS DC86314 Cert																					1.81	3.89	
NCS DC86314 Meas																					1.77	3.81	
NCS DC86314 Cert																					1.81	3.89	
Lithium Tetraborate FX-LT 100 lot#220610B Meas																					8.24		
Lithium Tetraborate FX-LT 100 lot#220610B Cert																					8		
Lithium Tetraborate FX-LT 100 lot#220610B Meas																					8.11		
Lithium Tetraborate FX-LT 100 lot#220610B Cert																					8		
Lithium Tetraborate FX-LT 100 lot#220610B Meas																					8.03		
Lithium																					8		

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
Tetraborate FX-LT 100 lot#220610B Cert																							
294157 Orig																					0.23	0.50	
294157 Dup																					0.23	0.50	
294165 Orig	116	391	12	114	3	< 2	0.6	< 0.2	5	< 0.5	17.1	488	< 0.4	2.8	0.6	< 1	0.8	12	6.8	2.0	0.09	0.19	
294165 Dup	116	403	12	118	3	< 2	0.6	< 0.2	6	< 0.5	16.8	484	< 0.4	2.8	0.5	< 1	0.7	14	6.8	2.0	0.09	0.19	
294179 Orig																					0.11	0.24	
294179 Dup																					0.11	0.24	
294182 Orig	769	32	3	17	54	< 2	< 0.5	< 0.2	86	< 0.5	52.4	85	0.9	2.6	56.2	< 1	4.6	18	1.5	4.5			
294182 Dup	756	31	3	16	52	< 2	< 0.5	< 0.2	87	< 0.5	51.4	83	1.6	2.4	51.1	3	4.7	18	1.4	4.1			
294187 Orig																					0.53	1.14	
294187 Dup																					0.53	1.13	
294199 Orig	518	31	2	20	20	2	0.6	< 0.2	57	< 0.5	43.0	45	0.8	4.8	24.8	3	3.2	13	2.1	3.1	< 0.01	0.02	
294199 Split PREP DUP	539	29	< 2	25	21	< 2	< 0.5	< 0.2	57	< 0.5	44.3	42	0.7	5.3	21.7	2	3.7	13	2.1	3.0	< 0.01	0.02	
294200 Orig																					0.35	0.76	
294200 Dup																					0.36	0.76	
294205 Orig	113	602	11	156	9	< 2	1.3	< 0.2	6	< 0.5	24.4	595	0.9	6.3	5.3	4	2.5	18	8.1	3.5	0.07	0.16	
294205 Dup	114	574	11	160	8	4	1.1	< 0.2	6	< 0.5	24.7	612	0.9	6.3	4.9	2	2.1	19	8.0	3.5	0.07	0.15	
Method Blank																					< 0.01	< 0.01	
Method Blank																					< 0.01	< 0.01	
Method Blank																					< 0.01	< 0.01	
Method Blank	< 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			
Method Blank		< 2	< 2	< 4								< 3											
Method Blank																							1.00

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Nov-17
Invoice No.: A17-13238
Invoice Date: 02-Jan-18
Your Reference:

Rock Tech Lithium Inc.
600 777 Hornby Street
Vancouver BC V6Z 1S4
Canada

ATTN: Jessica Daniel

CERTIFICATE OF ANALYSIS

28 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4Litho-Pegmatite Special Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

Code 8-Li (Sodium Peroxide Fusion) Sodium Peroxide Fusion

Code Specific Gravity Pulp

REPORT **A17-13238**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +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	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
Lower 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
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-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
294206	72.63	15.68	0.63	0.109	0.03	0.35	6.02	2.13	0.003	0.37	0.73	98.69	< 1	155	< 5	< 20	< 1	< 20	< 10	60	36	4	< 5
294207	75.52	14.99	0.68	0.114	0.05	0.21	4.85	3.22	0.002	0.18	0.72	100.5	< 1	110	< 5	< 20	1	< 20	20	90	33	4	< 5
294208	71.80	16.01	0.76	0.059	0.05	0.55	5.96	2.00	0.006	0.40	0.98	98.58	< 1	206	< 5	< 20	1	< 20	10	< 30	37	3	< 5
294209	75.42	14.75	1.26	0.034	0.23	0.70	0.32	4.23	0.033	0.45	2.20	99.63	1	12	9	< 20	1	< 20	< 10	50	64	2	< 5
294210	42.04	8.19	3.29	0.107	7.39	16.22	1.87	2.36	0.344	0.09	18.70	100.6	5	2	41	< 20	4	< 20	10	< 30	13	< 1	< 5
294211	74.46	15.93	0.81	0.069	0.10	0.23	4.93	2.82	0.006	0.14	0.98	100.5	< 1	162	< 5	< 20	1	20	< 10	30	41	4	< 5
294212	75.31	16.33	0.96	0.125	0.05	0.20	4.33	1.83	0.003	0.17	0.73	100.0	< 1	135	< 5	< 20	< 1	< 20	< 10	< 30	40	4	< 5
294213	64.22	14.85	6.73	0.102	2.92	3.25	2.72	2.30	0.587	0.15	1.12	98.96	15	4	114	170	22	70	50	90	18	1	< 5
294214	72.96	16.73	0.51	0.021	0.11	0.65	7.18	1.02	0.011	0.36	0.69	100.2	< 1	149	7	< 20	2	< 20	< 10	< 30	36	3	< 5
294215	73.31	16.33	0.86	0.100	0.06	0.28	5.49	2.02	0.004	0.13	0.67	99.27	< 1	208	< 5	< 20	< 1	< 20	< 10	70	38	4	< 5
294216	75.04	16.50	0.85	0.111	0.02	0.20	4.09	2.94	0.002	0.17	0.44	100.3	< 1	164	< 5	< 20	< 1	< 20	< 10	70	37	4	< 5
294217	75.30	16.56	0.74	0.081	0.05	0.23	4.81	1.88	0.002	0.11	0.50	100.3	< 1	155	6	< 20	< 1	< 20	< 10	< 30	40	4	< 5
294218	66.68	14.55	5.72	0.109	2.39	2.43	3.08	2.20	0.470	0.25	1.60	99.46	13	27	94	130	17	70	110	90	21	2	< 5
294219	63.97	15.65	7.10	0.098	2.88	2.05	3.32	2.92	0.597	0.14	1.31	100.1	15	10	112	160	19	50	40	80	19	2	< 5
294220	74.01	15.55	3.18	0.094	0.08	0.28	3.44	2.45	0.004	0.13	0.12	99.35	< 1	138	< 5	30	2	40	50	100	39	4	< 5
294221	66.95	16.86	3.63	0.077	1.32	1.24	4.54	3.01	0.285	0.48	1.36	99.76	7	102	53	70	10	30	< 10	80	31	3	< 5
294222	73.54	16.22	0.77	0.070	0.05	0.17	4.54	2.33	0.004	0.08	0.74	98.51	< 1	179	< 5	< 20	< 1	< 20	< 10	40	39	3	< 5
294223	72.33	16.29	0.66	0.053	0.06	0.47	7.32	1.09	0.010	0.18	0.69	99.15	< 1	173	5	< 20	< 1	< 20	< 10	< 30	34	4	< 5
294224	67.10	14.03	6.27	0.113	2.84	2.93	2.25	2.42	0.610	0.13	1.14	99.83	19	3	131	140	20	60	30	80	17	1	< 5
294225	62.54	16.20	6.21	0.154	2.80	5.43	2.73	1.85	0.623	0.22	1.06	99.83	16	12	112	170	24	70	40	90	21	2	< 5
294226	74.16	16.13	0.87	0.110	0.05	0.25	3.88	4.04	0.003	0.23	0.51	100.2	< 1	150	< 5	< 20	< 1	< 20	10	60	36	4	< 5
294227	76.11	15.81	0.86	0.091	0.05	0.22	4.59	1.44	0.002	0.16	0.40	99.72	< 1	164	< 5	< 20	< 1	< 20	< 10	< 30	39	4	< 5
294228	78.87	16.00	0.83	0.099	0.04	0.22	2.54	0.50	0.007	0.06	0.35	99.51	< 1	236	5	< 20	< 1	30	< 10	60	43	5	< 5
294229	64.80	15.51	6.08	0.096	2.63	2.25	3.19	2.67	0.544	0.29	1.53	99.60	14	18	102	140	18	60	30	70	24	2	< 5
294230	42.88	8.48	3.16	0.099	6.99	15.84	1.89	2.32	0.365	0.07	17.66	99.74	7	2	55	30	5	< 20	20	40	14	1	< 5
294231	73.77	14.72	1.18	0.497	0.07	0.34	4.63	1.60	0.003	1.05	0.67	98.52	< 1	274	< 5	< 20	< 1	< 20	< 10	510	38	3	< 5
294232	78.80	14.99	0.87	0.084	0.08	0.27	3.39	0.68	0.008	0.08	0.52	99.78	< 1	246	7	< 20	< 1	< 20	< 10	60	44	4	< 5
294233	74.74	16.18	0.80	0.086	0.04	0.20	3.87	2.92	0.002	0.18	0.46	99.48	< 1	179	< 5	< 20	< 1	< 20	< 10	40	38	4	< 5

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-
Lower 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	0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV
294206	616	27	3	25	35	< 2	< 0.5	< 0.2	93	< 0.5	32.4	18	0.6	5.4	19.3	1	4.1	20	2.7	10.5	0.04	0.09	
294207	898	28	< 2	23	62	< 2	< 0.5	< 0.2	69	< 0.5	38.9	43	0.8	2.5	31.1	< 1	5.0	17	2.0	5.9	0.18	0.39	
294208	496	35	< 2	9	21	< 2	< 0.5	< 0.2	45	< 0.5	31.3	33	1.5	0.7	25.0	< 1	3.4	14	2.0	4.6	< 0.01	0.02	
294209	992	38	< 2	11	32	< 2	< 0.5	< 0.2	180	< 0.5	82.0	215	4.1	0.4	46.5	5	4.8	< 5	1.0	0.5	0.04	0.08	
294210	53	212	28	223	6	< 2	1.0	< 0.2	2	< 0.5	0.8	425	< 0.4	6.2	1.2	1	1.2	7	5.3	1.6	< 0.01	< 0.01	
294211	653	32	2	18	26	< 2	< 0.5	< 0.2	71	< 0.5	36.2	68	2.1	1.5	22.4	< 1	4.0	26	1.6	3.8	0.14	0.31	
294212	449	30	< 2	6	12	< 2	< 0.5	< 0.2	69	< 0.5	28.3	56	2.3	0.6	5.0	1	2.7	15	1.3	3.9	0.61	1.31	
294213	268	423	12	129	4	< 2	0.5	< 0.2	12	< 0.5	86.2	509	< 0.4	3.1	0.9	< 1	2.3	15	8.2	2.3	0.09	0.20	
294214	241	109	< 2	21	26	< 2	< 0.5	< 0.2	50	< 0.5	17.9	81	2.4	1.7	35.0	1	1.2	10	1.5	2.5	< 0.01	0.02	
294215	420	52	< 2	15	26	< 2	< 0.5	< 0.2	117	< 0.5	29.9	48	1.0	3.6	16.3	2	2.3	19	1.7	5.7	0.22	0.48	2.69
294216	743	27	< 2	7	11	< 2	< 0.5	< 0.2	56	< 0.5	37.8	28	1.8	0.7	9.3	15	4.3	20	1.2	7.7	0.63	1.36	
294217	463	24	< 2	13	20	< 2	< 0.5	< 0.2	68	< 0.5	29.5	31	1.1	1.5	24.0	< 1	2.5	12	1.1	2.7	0.52	1.13	
294218	353	335	7	103	8	< 2	< 0.5	< 0.2	31	< 0.5	76.9	450	< 0.4	2.8	11.6	< 1	2.7	22	6.1	3.5	0.09	0.20	
294219	823	355	7	121	4	< 2	< 0.5	< 0.2	33	< 0.5	215	691	< 0.4	3.0	0.6	< 1	7.2	16	6.1	1.1	0.13	0.28	
294220	700	44	< 2	17	35	24	< 0.5	< 0.2	78	< 0.5	39.8	105	0.4	1.9	31.6	2	4.1	17	1.8	4.9	0.74	1.59	
294221	786	173	7	65	17	< 2	< 0.5	< 0.2	87	< 0.5	161	434	1.9	2.1	19.0	4	6.3	12	3.7	2.3	0.09	0.20	
294222	451	27	< 2	8	10	< 2	< 0.5	< 0.2	68	< 0.5	30.9	39	0.7	1.1	9.3	< 1	3.2	14	1.2	2.5	0.44	0.95	
294223	245	48	< 2	9	13	< 2	< 0.5	< 0.2	56	< 0.5	23.7	46	1.0	1.4	10.5	1	1.9	9	1.0	1.2	0.02	0.04	
294224	363	284	9	83	5	< 2	< 0.5	< 0.2	6	< 0.5	147	679	< 0.4	2.9	0.5	< 1	2.9	11	5.9	1.1	0.09	0.20	
294225	221	385	15	121	6	< 2	< 0.5	< 0.2	14	< 0.5	89.6	643	< 0.4	3.2	10.8	< 1	2.1	16	7.5	7.0	0.06	0.14	2.81
294226	1060	41	< 2	5	10	< 2	< 0.5	< 0.2	59	< 0.5	50.8	58	3.6	0.4	7.8	< 1	7.1	24	1.2	6.0	0.45	0.97	
294227	417	27	3	9	10	< 2	< 0.5	< 0.2	61	< 0.5	27.8	26	1.7	0.6	12.4	< 1	2.8	13	1.1	2.3	0.71	1.53	
294228	236	19	< 2	5	36	2	< 0.5	< 0.2	19	< 0.5	24.4	15	1.2	< 0.2	34.4	1	1.4	< 5	1.5	0.8	1.30	2.80	
294229	432	317	10	108	8	< 2	< 0.5	< 0.2	60	< 0.5	103	509	< 0.4	3.1	11.6	< 1	3.2	14	6.4	2.4	0.08	0.17	
294230	58	223	33	214	7	< 2	< 0.5	< 0.2	2	< 0.5	0.9	393	< 0.4	5.4	0.4	< 1	0.5	9	4.9	1.9	< 0.01	< 0.01	
294231	420	28	< 2	41	67	< 2	< 0.5	< 0.2	86	< 0.5	39.8	24	1.8	4.7	79.2	< 1	2.3	19	3.3	14.6	0.35	0.76	
294232	321	23	< 2	4	41	< 2	< 0.5	< 0.2	18	< 0.5	28.4	16	1.3	< 0.2	42.1	< 1	1.7	< 5	1.3	1.0	1.06	2.28	
294233	907	39	< 2	10	19	< 2	< 0.5	< 0.2	64	< 0.5	52.2	55	2.9	1.0	18.6	< 1	5.6	17	0.7	1.8	0.66	1.42	

Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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	11.13	1.83	0.77	0.013	0.33	42.60	0.89	0.53	0.116	30.18			1591										
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	47.45	17.64	9.77	0.144	10.22	11.50	1.88	0.22	0.456	0.07	31		152	280	54	250	100	70					142
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	270	57	247	100	70					144.0
LKSD-3 Meas														90	28	50	30	150			28	73	
LKSD-3 Cert														87.0	30.0	47.0	35.0	152			27.0	78.0	
TDB-1 Meas														240		90	330	150				22	
TDB-1 Cert														251		92	323	155				23	
TDB-1 Meas														250		90	340	140				22	
TDB-1 Cert														251		92	323	155				23	
W-2a Meas	52.50	15.31	10.65	0.164	6.30	11.13	2.22	0.62	1.060	0.14	35	< 1	271	90	44	70	110	80	18	2		19	192
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		21.0	190
SY-4 Meas	49.43	20.93	6.18	0.111	0.50	8.08	6.88	1.65	0.289	0.14	1	3	7										1216
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																	50	40					
CTA-AC-1 Cert																	54.0	38.0					
BIR-1a Meas	47.52	15.62	11.59	0.171	9.54	13.57	1.80	0.01	0.985	0.03	43	< 1	328	390	49	170	120	70	15				106
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				110
NCS DC70009 (GBW07241) Meas														40	4		950	100	16	10	68	507	
NCS DC70009 (GBW07241) Cert														30	3.7		960	100	16.5	11.2	69.9	500	
OREAS 100a (Fusion) Meas															18		170						
OREAS 100a (Fusion) Cert															18.1		169						
OREAS 101a (Fusion) Meas															44		440						
OREAS 101a (Fusion) Cert															48.8		430						
OREAS 101b (Fusion) Meas															46		420						
OREAS 101b (Fusion) Cert															47		420						
OREAS 101b (Fusion) Meas															46		420						
OREAS 101b (Fusion) Cert															47		420						
JR-1 Meas														< 20		< 20	< 10	30	16		15	245	
JR-1 Cert														2.83		1.67	2.68	30.6	16.1		16.3	257	
NCS DC86303 Meas																							

Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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
NCS DC86303 Cert																							
NCS DC86303 Meas																							
NCS DC86303 Cert																							
NCS DC86303 Meas																							
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NCS DC86304 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							

Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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
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																							
USZ 28-99 Meas																							
USZ 28-99 Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium																							

Analyte Symbol	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
Lower Limit	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
Method Code	FUS-ICP	FUS-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
Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
294211 Orig																							
294211 Dup																							
294220 Orig	73.46	15.47	3.18	0.095	0.08	0.28	3.39	2.44	0.004	0.12	< 1	138	< 5	40	2	40	50	100	39	3	< 5	696	44
294220 Dup	74.55	15.63	3.18	0.094	0.07	0.28	3.50	2.46	0.004	0.15	< 1	138	5	30	2	40	50	100	39	4	< 5	704	44
294220 Orig														30	1	20	50	90	38	4	< 5	622	
294220 Dup														30	1	20	50	90	39	4	< 5	636	
294225 Orig																							
294225 Dup																							
294232 Orig																							
294232 Dup																							
294233 Orig																							
294233 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.01	< 0.01	< 0.01	0.002	< 0.01	< 0.01	< 0.01	< 0.01	0.002	< 0.01	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	< 2	< 2
Method Blank																							
Method Blank														< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	< 2	
Method Blank																							

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav	LOI	Total
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-	%	%
Lower 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	0.01		0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas	15	38						0.9		107						6							
DNC-1 Cert	18.0	38						0.96		118						6.3							
LKSD-3 Meas				< 2			2	1.5	2.1			4.5	0.8				10.9	4.6					
LKSD-3 Cert				2.00			3.00	1.30	2.30			4.80	0.700				11.4	4.60					
TDB-1 Meas																	2.6						
TDB-1 Cert																	2.7						
TDB-1 Meas																	2.7						
TDB-1 Cert																	2.7						
W-2a Meas	18	90	8	< 2						172	< 0.4	2.5	0.4	< 1	< 0.1		2.3	0.6					
W-2a Cert	24.0	94.0	7.90	0.600						182	0.0300	2.60	0.500	0.300	0.200		2.40	0.530					
SY-4 Meas	117	538								339													
SY-4 Cert	119	517								340													
CTA-AC-1 Meas												1.2	2.7				23.3	4.2					
CTA-AC-1 Cert												1.13	2.65				21.8	4.4					
BIR-1a Meas	12	14	< 1							7		0.6				< 5							
BIR-1a Cert	16	18	0.6							6		0.60				3							
NCS DC70009 (GBW07241) Meas					2.0	1.0	1600	3.2	39.4					2270	1.7		30.6						
NCS DC70009 (GBW07241) Cert					1.8	1.3	1700	3.1	41					2200	1.8		28.3						
OREAS 100a (Fusion) Meas				23													52.7	134					
OREAS 100a (Fusion) Cert				24.1													51.6	135					
OREAS 101a (Fusion) Meas				21													36.2	444					
OREAS 101a (Fusion) Cert				21.9													36.6	422					
OREAS 101b (Fusion) Meas				21													38.3	425					
OREAS 101b (Fusion) Cert				21													37.1	396					
OREAS 101b (Fusion) Meas				20													39.3						
OREAS 101b (Fusion) Cert				21													37.1						
JR-1 Meas			15	3		< 0.2	2		18.8		0.5	4.4		1		19	27.1	9.1					
JR-1 Cert			15.2	3.25		0.028	2.86		20.8		0.56	4.51		1.59		19.3	26.7	8.88					
NCS DC86303 Meas																			0.21	0.45			

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav	LOI	Total
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-	%	%
Lower 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	0.01		0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP
NCS DC86303 Cert																			0.21	0.460			
NCS DC86303 Meas																			0.21	0.46			
NCS DC86303 Cert																			0.21	0.460			
NCS DC86303 Meas																			0.22	0.47			
NCS DC86303 Cert																			0.21	0.460			
NCS DC86303 Meas																			0.21	0.45			
NCS DC86303 Cert																			0.21	0.460			
NCS DC86303 Meas																			0.21	0.46			
NCS DC86303 Cert																			0.21	0.460			
NCS DC86304 Meas																			1.09	2.35			
NCS DC86304 Cert																			1.06	2.29			
NCS DC86304 Meas																			1.10	2.37			
NCS DC86304 Cert																			1.06	2.29			
NCS DC86304 Meas																			1.12	2.41			
NCS DC86304 Cert																			1.06	2.29			
NCS DC86304 Meas																			1.10	2.36			
NCS DC86304 Cert																			1.06	2.29			
NCS DC86304 Meas																			1.07	2.31			
NCS DC86304 Cert																			1.06	2.29			
NCS DC86304 Meas																			1.09	2.35			
NCS DC86304 Cert																			1.06	2.29			
NCS DC86314 Meas																			1.78	3.83			
NCS DC86314 Cert																			1.81	3.89			

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav	LOI	Total
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-	%	%
Lower 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	0.01		0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP
NCS DC86314 Meas																			1.78	3.83			
NCS DC86314 Cert																			1.81	3.89			
NCS DC86314 Meas																			1.80	3.88			
NCS DC86314 Cert																			1.81	3.89			
NCS DC86314 Meas																			1.74	3.75			
NCS DC86314 Cert																			1.81	3.89			
NCS DC86314 Meas																			1.76	3.80			
NCS DC86314 Cert																			1.81	3.89			
NCS DC86314 Meas																			1.76	3.80			
NCS DC86314 Cert																			1.81	3.89			
USZ 28-99 Meas																			0.18				
USZ 28-99 Cert																			0.173				
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.43				
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8				
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.25				
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8				
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.10				
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8				
Lithium																			8.17				

Analyte Symbol	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	Hf	Ta	W	Tl	Pb	Th	U	Li	Li2O	Spec Grav	LOI	Total
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	-	%	%
Lower 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	0.01		0.01
Method Code	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-Na2O2	FUS-Na2O2	GRAV	FUS-ICP	FUS-ICP
Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8				
Lithium Tetraborate FX-LT 100 lot#220610B Meas																			8.12				
Lithium Tetraborate FX-LT 100 lot#220610B Cert																			8				
294211 Orig																			0.14	0.31			
294211 Dup																			0.14	0.31			
294220 Orig	< 2	18	34	23	< 0.5	< 0.2	72	< 0.5	39.9	104	0.4	1.9	33.2	2	4.1	16	1.8	4.9				0.12	98.64
294220 Dup	< 2	16	36	24	< 0.5	< 0.2	84	< 0.5	39.8	105	0.4	1.9	30.0	2	4.2	18	1.8	4.8				0.12	100.1
294220 Orig			31	21	< 0.5	< 0.2	92	< 0.5	38.3		0.4	2.3	24.7	1	4.5	16	1.8	4.7					
294220 Dup			23	20	< 0.5	< 0.2	60	< 0.5	39.3		0.4	1.5	26.2	1	4.5	16	1.7	4.5					
294225 Orig																			0.06	0.14			
294225 Dup																			0.06	0.14			
294232 Orig																			1.05	2.27			
294232 Dup																			1.06	2.29			
294233 Orig																			0.66	1.41			
294233 Dup																			0.66	1.43			
Method Blank																			< 0.01	< 0.01			
Method Blank																			< 0.01	< 0.01			
Method Blank																			< 0.01	< 0.01			
Method Blank																			< 0.01	< 0.01			
Method Blank																					1.00		
Method Blank	< 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					
Method Blank																			< 0.01	< 0.01			
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																			< 0.01	< 0.01			