PRESS RELEASE

Lithium Assay Results Returned from Step-out Winter 2023 Drill Program as Rock Tech Initiates Summer Field Exploration at Georgia Lake

- **Rock Tech completed its step-out winter drill program ("Phase I") as part of its lithium mineralization extension targets for Georgia Lake.**
- **17 exploration holes for a total of 3,676 meters were drilled with supporting assay results for:**
  - **10 NQ diamond drill holes totaling 2,115 meters at Main Zone North (MZN) deposit;**
  - **7 NQ diamond drill holes totaling 1,561 meters at McVittie deposit.**
- **Rock Tech has initiated an extensive summer field exploration program ("Phase II") at the Georgia Lake property.**

Vancouver, BC, 04 July 2023 *– Rock Tech Lithium Inc. (TSX-V: RCK) (OTCQX: RCKTF) (FWB: RJIB) (WKN: A1XF0V) (the "Company" or "Rock Tech") has received positive assay results from its 2023 winter drill program. The completed step-out drilling aims to support the expansion of known pegmatite zones at its 100%-owned Georgia Lake Lithium project in the Thunder Bay Mining District of Ontario (the "Georgia Lake Project").*

Rock Tech has successfully completed the drilling of 17 exploration holes for a total of 3,676 meters in the first months of 2023, at the Main Zone North (MZN) and McVittie deposits. It has received assay results for ten holes drilled around MZN and seven holes that were drilled at McVittie (refer to results on Table 1 and Table 2).

Commenting on the Drill Programme, Robert MacDonald, General Manager of the Georgia Lake Project, said, "Rock Tech is pleased to have been able to follow up on our 2021-22 drill results from the MZN and past results from McVittie. Positive results obtained further support the strength of the deposits and extends our understanding of the known pegmatites. We are currently preparing to follow up with a summer field programme and get 'boots on the ground' to support our commitment to our total land package at Georgia Lake."

KEY EXPLORATION HIGHLIGHTS

- Ten NQ[1] diamond drill holes totaling 2,115 meters were completed at the MZN deposit.
- Highlights of assay results from the ten holes at MZN include:
  - NC-23-01 3.2 m (true width) at 0.87% Li_2O starting from 57.1m
  - NC-23-02 3.5 m (true width) at 1.07% Li_2O starting from 103.0m
  - NC-23-03 4.0 m (true width) at 1.08% Li_2O starting from 162.3m
  - NC-23-06 4.9 m (true width) at 0.73% Li_2O starting from 67.6m

[1] Note: Represents core samples of 47.6mm in diameter.

- NC-23-07 7.7 m (true width) at 0.71% Li_2O starting from 59.6m
- NC-23-07 4.3 m (true width) at 1.42% Li_2O starting from 139.9m
- NC-23-08 3.1 m (true width) at 1.19% Li_2O starting from 7.1m
- NC-23-09 2.5 m (true width) at 0.92% Li_2O starting from 117.8m

- Seven NQ diamond drill holes totaling 1,561 meters were completed at McVittie; assay results include:
  - MV-23-01 6.4 m (downhole width) at 0.93% Li_2O starting from 107.4m
  - MV-23-03 2.1 m (downhole width) at 1.30% Li_2O starting from 95.6m
  - MV-23-05 2.7 m (downhole width) at 1.66% Li_2O starting from 59.05m

Rock Tech intends to increase mineral resources at Georgia Lake Project during 2023 and 2024 through a set of phased exploration programmes. The first phase of this commitment ("Phase I") has been the completion of the winter drill programme at MZN and McVittie.

Rock Tech is also pleased to announce that it has initiated an extensive summer exploration programme ("Phase II") that will focus on prospecting, mapping, and sampling around high priority targets. The work will be followed by trenching and channel sampling on select prospects in both the Northern Spodumene Pegmatite Area (NSPA) and Southern Spodumene Pegmatite Area (SSPA).

This work will follow up on the positive results of the 2022 field programme (see Rock Tech's press release dated January 31, 2023) which sampled pegmatite prospects in close proximity to Rock Tech's NI 43-101 compliant mineral resources (refer to Table 3). Figure 1 and Figure 4 illustrate the locations of the high priority spodumene-bearing prospects at Line 20, Camp 38, Conway East, Caral, Foster Lew, Jean Lake, and Aumacho, where Rock Tech's 2023 summer exploration programme will be focused. The results from Phase II are expected to generate additional drill targets for a Fall 2023 drill programme ("Phase III").

The Georgia Lake Project, located between Nipigon and Beardmore, Ontario is comprised of 1,042 hectares of mineral leases and 5,686 hectares of mineral claims.

SAMPLING AND QA/QC PROCEDURE

Samples were taken across every spodumene-bearing pegmatite and 1 metre into the barren host rock on either side of pegmatite dikes. Sample lengths are generally around 1 metre, though individual sample length can be determined based on internal zoning of the dikes 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. 16% of the samples that were submitted to Activation Laboratories Ltd. ("Actlabs") for analysis were QAQC samples. QAQC samples were inserted into the sample stream and consist of a high- and low-grade lithium standards, blank material, and duplicates. Samples were dropped at Actlabs' preparation laboratory in Thunder Bay, Ontario for crushing and pulverizing, and subsequently were sent to Actlabs' geochemistry laboratory in Ancaster, Ontario for analysis of 41 elements using fusion plus ICP-OES or ICP-MS. Sodium peroxide fusion plus ICP-OES was used to analyze for lithium. Actlabs is independent of the Company.

SCIENTIFIC AND TECHNICAL DISCLOSURE

The scientific and technical disclosure included in this news release has been reviewed and approved by Jessica Daniel, P.Geo., Consulting Geologist for the Georgia Lake Project, a Qualified Person under National Instrument 43-101 Standards of Disclosure of Mineral Projects. Exploration data was collected and verified following the guidelines outlined in CIM Mineral Exploration Best Practice Guidelines.

ABOUT ROCK TECH

Rock Tech is a cleantech company with operations in Canada and Germany on a mission to produce lithium hydroxide for electric vehicle batteries. The Company plans to build lithium converters at the door-step of its customers, to guarantee supply-chain transparency and just-in-time delivery, beginning with the Company's proposed lithium hydroxide merchant converter and refinery facility in Guben, Germany. To close the most pressing gap in the clean mobility story, Rock Tech has gathered one of the strongest teams in the industry. The Company has adopted strict environmental, social and governance standards and is developing a proprietary refining process aimed at further increasing efficiency and sustainability. Rock Tech plans to source raw material from its wholly-owned Georgia Lake spodumene project located in the Thunder Bay Mining District of Ontario, Canada, as well as procuring it from other responsibly producing mines. In the years to come, the Company expects to also source raw material from discarded batteries. Rock Tech's goal: to create a closed-loop lithium production system. www.rocktechlithium.com

FOR FURTHER INFORMATION

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CAUTIONARY NOTE CONCERNING FORWARD-LOOKING INFORMATION

The following cautionary statements are in addition to all other cautionary statements and disclaimers contained elsewhere in, or referenced by, this press release. Certain information set forth in this press release constitutes "forward-looking information" ("forward-looking information") within the meaning of applicable Canadian securities laws, which are based on Rock Tech's current expectations, estimates, and assumptions in light of its experience and is perception of historical trends. All statements other than statements of historical facts may constitute forward-looking information. Often, forward-looking information can be identified by the use of words or phrases such as "plan", "estimate", "project", "anticipate", "expect", "intend", "believe", "hope", "may" and similar expressions, as well as "will", "shall" and all other indications of future tense. All forward-looking information set forth in this press release is expressly qualified in its entirety by the cautionary statements referred to in this section. In particular, forward-looking information contained in this press release includes: statements regarding the 2022, 2023, and 2024 drilling campaigns and mobilization and prospecting activities and the objectives, results and the benefits thereof; the Company's expectations regarding the outcome and proof of the expected potential, the Company's intentions with respect to the development and timing thereof and statements regarding further exploration activities future plans, activities, and schedules relating to such projects and related development; Rock Tech's opinions, beliefs and expectations regarding the Company's business strategy, development and exploration opportunities and projects; and plans and objectives of management for the Company's operations and properties. Forward-looking information is based on certain assumptions, estimates, expectations and opinions of the Company and, in certain cases, third party experts, that are believed by management of Rock Tech to be reasonable at the time they were made. This forward-looking information was derived utilizing numerous assumptions regarding, among other things, that the results of the exploration programme will be indicative of future results; that the way from the 2022 published release on the prefeasibility study (PFS) towards a feasibility study (DFS) will continue as currently planned; the supply and demand for, deliveries of, and the level and volatility of prices of, feedstock and intermediate and final lithium products; that all required regulatory approvals and permits can be obtained on the necessary terms in a timely manner; expected growth, performance and business operations; future commodity prices and exchange rates; prospects, growth opportunities and financing available to the Company; general business and economic conditions; the costs and results of exploration, development and operating activities; Rock Tech's ability to procure supplies and other equipment necessary for its business; and the accuracy and reliability of technical data, forecasts, estimates and studies. The foregoing list is not exhaustive of all assumptions which may have been used in developing the forward-looking information. While Rock Tech considers these assumptions to be reasonable based on information currently available, they may prove to be incorrect. Forward-looking information should not be read as a guarantee of future performance or results. In addition, forward-looking information involves known and unknown risks and uncertainties and other factors, many of which are beyond Rock Tech's control, that may cause Rock Tech's actual events, results, performance and/or achievements to be materially different from that which is expressed or implied by such forward-looking information. Risks and uncertainties that may cause actual events, results, performance and/or achievements to vary materially include the risk that Rock Tech will not be able to meet its financial obligations as they fall due, delays in government approval for the construction and commissioning of the Georgia Lake Project¬¬, changes in commodity prices, Rock Tech's ability to retain and attract skilled staff and to secure feedstock from third party suppliers, unanticipated events and other difficulties related to construction, development and operation of converters and mines, the cost of compliance with current and future environmental and other laws and regulations, title defects, competition from existing and new competitors, changes in currency exchange rates and market prices of Rock Tech's securities, Rock Tech's history of losses, impacts of climate change and other risks and uncertainties discussed under the heading "Financial Instruments and Other Risks" in Rock Tech's most recently filed Management Discussion and Analysis, a copy of which is filed electronically through SEDAR and is available online at www.sedar.com. Such risks and uncertainties do not represent an exhaustive list of all risk factors that could cause actual events, results, performance and/or achievements to vary materially from the forward-looking information.It can not be guaranteed that actual events, results, performance and/or achievements will be consistent with the forward-looking information and management's assumptions may prove to be incorrect. This forward-looking information reflects Rock Tech management's current views as at the date of this press release. Except as may be required by law, Rock Tech undertakes no obligation and expressly disclaims any responsibility, obligation or undertaking to update or to revise any forward-looking information, whether as a result of new information, future events or otherwise, to reflect any change in Rock Tech's expectations or any change in events, conditions or circumstances on which any such information is based. The forward-looking information contained herein is presented for the purposes of assisting readers in understanding Rock Tech's plans, objectives and goals and is not appropriate for any other purposes.

ATTACHMENTS

FIGURE 1 | Map showing location of northern spodumene-bearing deposits and prospects. Rock Tech's 2023 winter drilling programme focused on the MZN and McVittie prospects. Summer field exploration will focus on positive sample results from the 2022 field program.

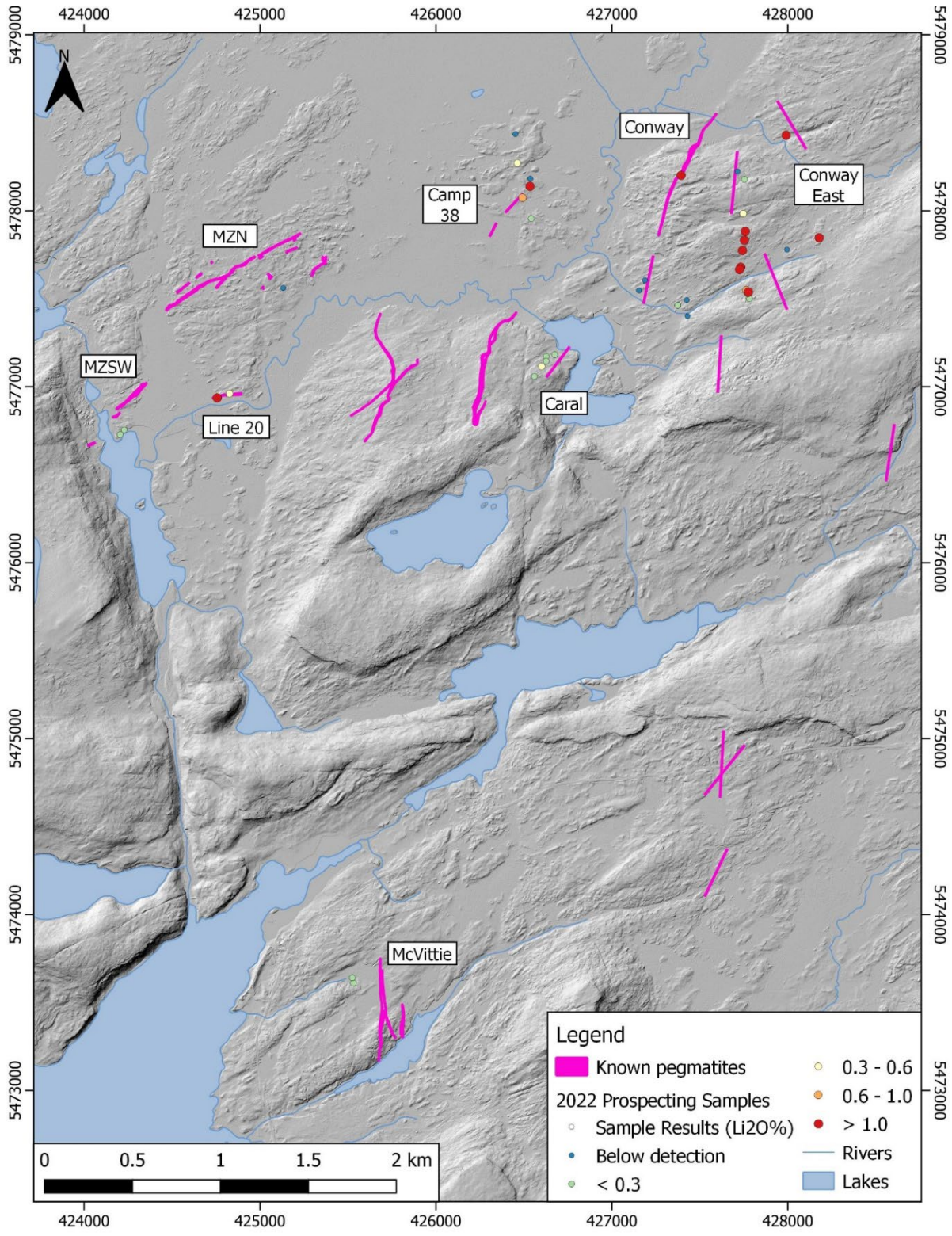

FIGURE 2 | Map showing location of drill holes completed at MZN in Winter 2023.

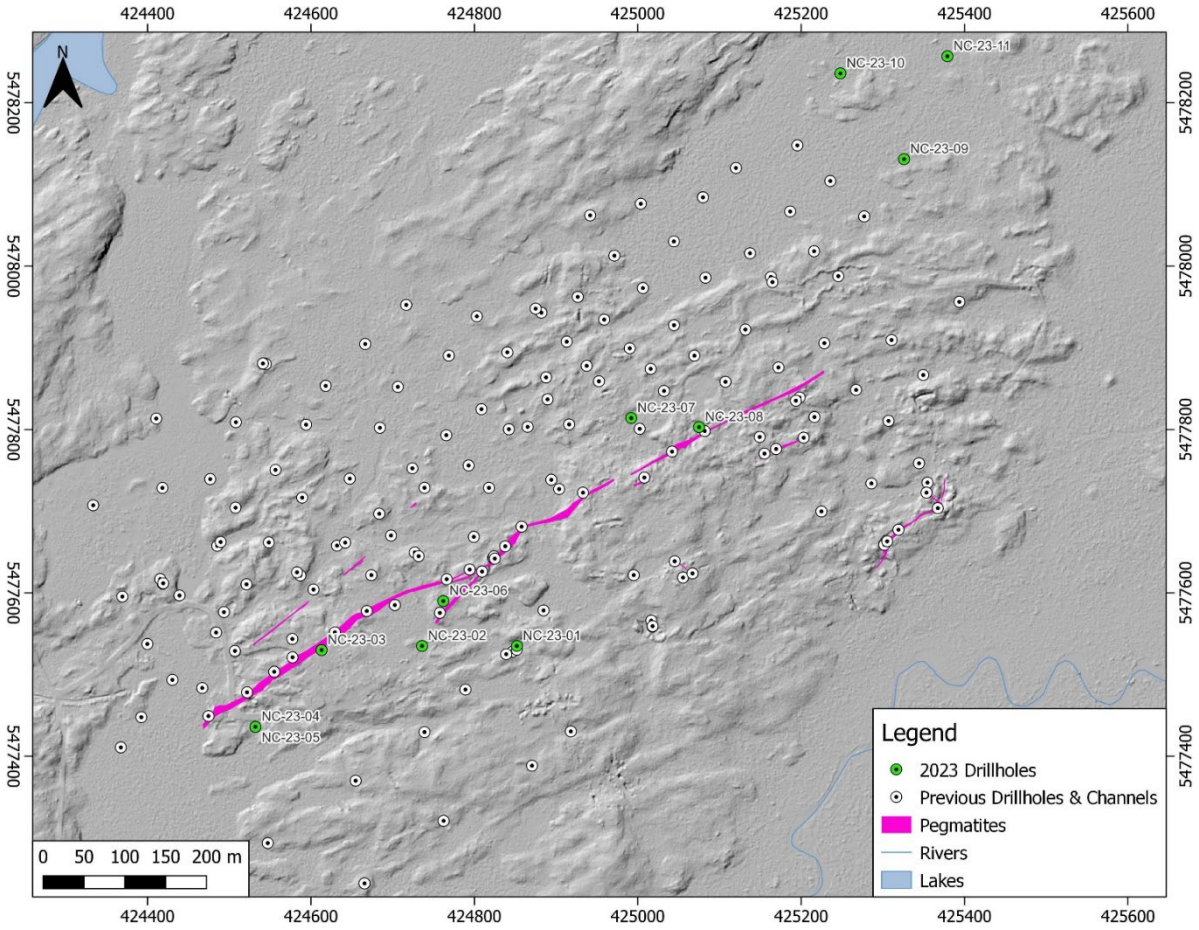

TABLE 1 | Summary of Assay Results for Drill Holes Completed at the MZN Deposit in 2023. GPS Locations are in UTM NAD83 Zone 16N.

Hole ID	Easting (m)	Northing (m)	Elevation (m)	Hole Length (m)	Azimuth	Dip	From (m)	To (m)	Length (m)	True Width (m)	Li_2O %
NC-23-01	424852	5477535	379	200	139	-66	57.10	61.00	3.9	3.2	0.87
NC-23-02	424736	5477435	379	251	140	-65	103.00	107.21	4.21	3.5	1.07
NC-23-03	424613	5477530	377	210.5	140	-48	70.67	71.77	1.1	0.8	0.63
							162.27	168.33	6.06	4.0	1.08
NC-23-05	424532	5477436	365	221	140	-55	180.80	184.50	3.7	2.8	0.44
NC-23-06	424762	5477590	379	104	140	-55	4.46	6.66	2.2	1.7	0.68
							51.82	52.40	0.58	0.4	0.51
							61.58	62.66	1.08	0.8	0.58
							67.60	74.30	6.7	4.9	0.73
NC-23-07	424992	5477814	379	209	135	-60	59.59	68.43	8.84	7.7	0.71
							73.46	78.02	4.56	4.0	0.5
							139.90	144.82	4.92	4.3	1.42
NC-23-08	425075	5477803	379	146	135	-60	7.10	10.69	3.59	3.1	1.19
							25.42	27.32	1.9	1.6	1.41
							84.57	85.50	0.93	0.8	1.26
NC-23-09	425326	5478131	379	210	140	-55	117.82	120.57	2.75	2.5	0.92
NC-23-10	425248	5478236	379	314	140	-53	298.91	299.27	0.36	0.3	1.33
NC-23-11	425379	5478257	369	250	138	-46	100.45	101.45	1.0	1.0	0.37

FIGURE 3 | Map showing location of drill holes drilled at McVittie in 2023

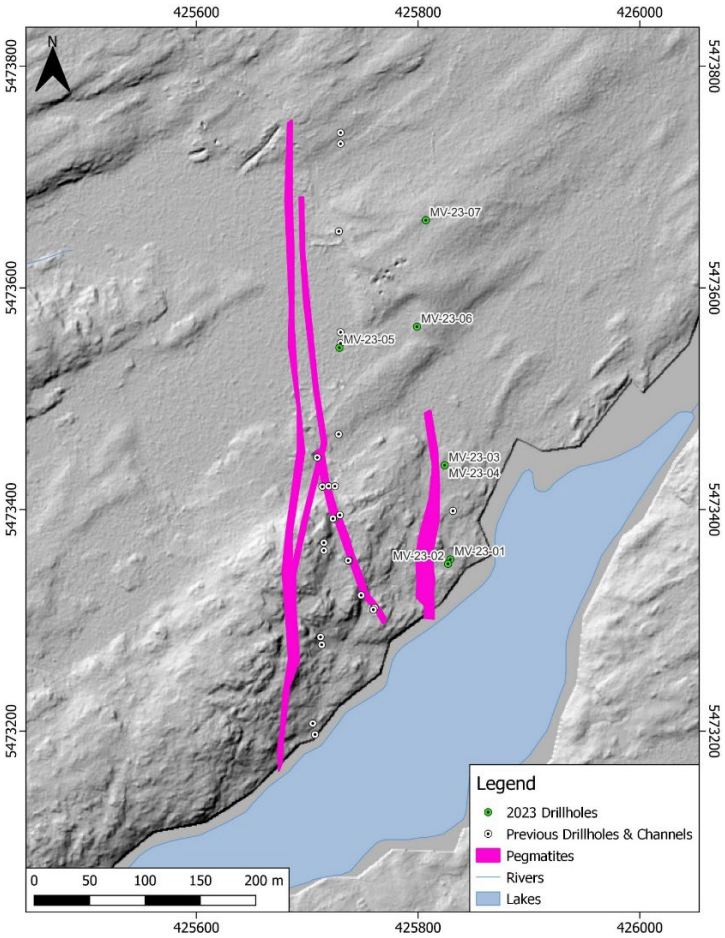

TABLE 2 | Summary of Assay Results for Drill Holes Completed at the McVittie Deposit in 2023. GPS Locations are in UTM NAD83 Zone 16N.

Hole ID	Easting	Northing	Elevation	Hole Length	Azimuth	Dip	From (m)	To (m)	Length (m)	Li2O %
MV-23-01	###	####	399	271	270	#	99 102.82 107.4	99.5 104.8 113.79	0.5 1.98 6.39	0.97 0.53 0.93
MV-23-02	425827	5473351	401	221	274	-69	160	161	1	0.98
MV-23-03	###	####	387	221	270	#	95.6 133.89 140.87	97.69 135.96 143.06	2.09 2.07 2.19	1.30 0.61 0.72
MV-23-04	425824	5473440	387	251	270	-65	156.5	157.32	0.82	0.46
MV-23-05	###	####	386	125	264	#	32.25 59.05	35.05 61.77	2.8 2.72	1.38 1.66
MV-23-06	425799	5473565	401	251	264	-55		No Significant assays		
MV-23-07	425807	5473661	396	221	265	-47		No Significant assays		

FIGURE 4 | Map showing total land package of Rock Tech Lithium's Georgia Lake property and locations.

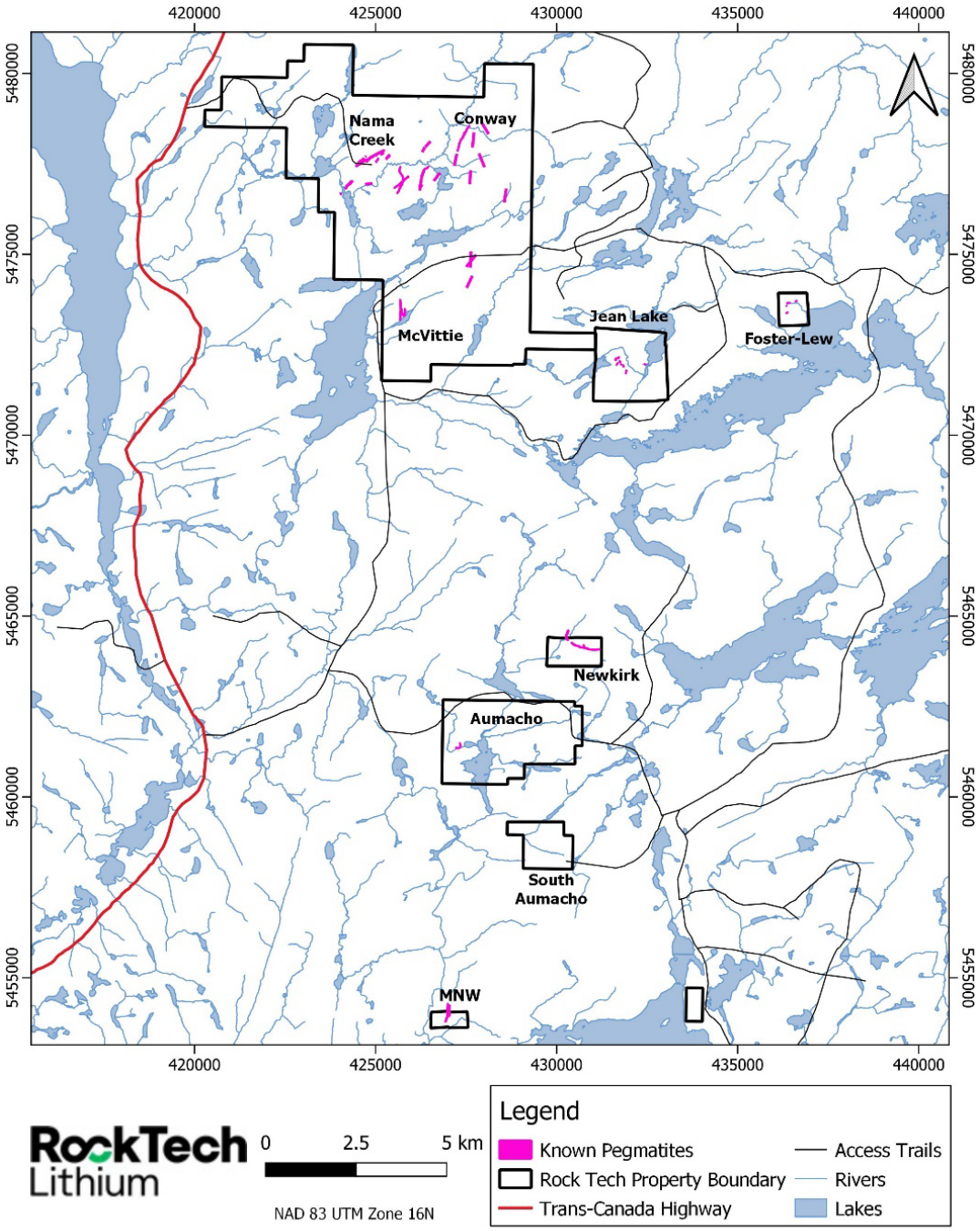

TABLE 3 | Overview of the Mineral Resource as of 2022's Prefeasibility Study

2022 MINERAL RESOURCE

Classification	Mining	Cut-off grade Li_2O (%)	Zone	Tonnes	Li_2O (%)
Indicated	Open pit	0.3	NSPA OP Indicated	4,242,618	0.88
Indicated	Underground	0.6	NSPA UG Indicated	6,358,650	0.89
Total Indicated				10,601,268	0.88
Inferred	Open pit	0.3	NSPA OP Inferred	245,933	0.78
Inferred	Underground	0.6	NSPA UG Inferred	2,073,069	0.91
Inferred	Underground	0.6	SSPA UG Inferred	1,903,274	1.12
Total Inferred				4,222,276	1.00

Notes:

a. *CIM Definition Standards (2014) were used for reporting the Mineral Resources.*
b. *The Qualified Person is Dinara Nussipakynova, P.Geo. of AMC.*
c. *Cut-off grade for open pit Mineral Resources is 0.30% Li_2O.*
d. *Open pit Mineral Resources are constrained by the optimization pits shell at a lithium concentrate price of USD 1,100/t with metallurgical recovery of 80% and concentrate grade of 6%. Both cut off use same parameters.*
e. *The pit optimization was based on following cost assumptions:*
    i. *Mill feed mining costs of USD 4.5/t and waste mining cost of USD 4.5/t.*
    ii. *Processing costs of USD 25/t and General and Administration costs of USD 15/t.*
    iii. *Slope angle 45-48 degrees.*
f. *Cut-off grade for underground Mineral Resources is 0.60% Li_2O based on a USD 45/t mining cost and processing and G&A the same as the open pit.*
g. *Underground Mineral Resources are not constrained.*
h. *Mineralized Density used as 2.69 t/m3.*
i. *Waste Density used as 2.75 t/m3.*
j. *Drilling results up to 31 July 2022.*
k. *The numbers may not compute exactly due to rounding.*
j. *Numbers may not compute exactly due to rounding.*