



## ASX AND MEDIA RELEASE

NOVA MINERALS LIMITED  
ASX: NVA  
FSE: QM3

25 June 2018

**Nova Minerals Limited is an Australian domiciled mineral resources exploration and development company with North American focus.**

**Board of Directors:**

**Mr Avi Kimelman**

*Managing Director / CEO*

**Mr Louie Simens**

*Non-Executive Director*

**Mr Dennis Fry**

*Non-Executive Director*

**Mr Olaf Frederickson**

*Non-Executive Director*

**Company Secretary:**

**Mr Adrien Wing**

**Contact:**

Nova Minerals Limited  
Level 17, 500 Collins Street  
Melbourne, VIC, 3000

P: +61 3 9614 0600

F: +61 3 9614 0550

W: [www.novaminerals.com.au](http://www.novaminerals.com.au)

### INCORPORATION OF WHOLLY OWNED SUBSIDIARY

The directors of Nova Minerals Limited (**Nova** or **Company**) (ASX: NVA, FSE: QM3) are pleased to announce that the company has incorporated a wholly own subsidiary "**Snow Lake Resources Ltd.**" with supporting operating and holding companies in Manitoba, Canada to hold title to the assets and fast track development of the Thompson Brothers Lithium Project and the wholly owned adjoining Crowduck project claims. The incorporation allows Nova to take advantage of corporate tax benefits with the upcoming works planned.

Attached is a presentation for Snow Lake Resources Ltd., incorporating information from previous ASX announcements for the Thompson Brothers Lithium Project and the adjoining Crowduck claims.

#### **About Nova Minerals Limited (ASX: NVA, FSE: QM3):**

##### Thompson Bros. Lithium Project

Nova Minerals Limited own the rights to earn up to 80% ownership interest of the Thompson Bros. Lithium Project from Ashburton Ventures Inc. by financing their commitments relating to their Option Agreement with Strider Resources Ltd.

The project is well advanced and in the process of defining a Maiden resource estimation, the projects current exploration target is 9.0Mt to 13.0Mt with a grade range of between 1.30% Li<sub>2</sub>O and 1.70% Li<sub>2</sub>O and first demonstration sample of spodumene concentrate; this allows a fast track approach to take the project to potential production.

##### Alaskan Project Portfolio

Nova Minerals Limited owns the rights to earn up to 85% ownership interest of the Alaskan Project Portfolio from AKCM (AUST) Pty Ltd. by financing their commitments relating to their JV Agreement.

The Alaskan project portfolio range from more advanced exploration projects with ore grade drill intersections to brownfield tenements. The most advanced projects are the Estelle gold-copper project, a district scale project with a 1.1 - 2.3 million ounce gold exploration target, the Chip-Loy nickel, copper, cobalt, silver project, the Bowser creek silver, zinc, lead project which the US government has spent in excess of \$7m on this project historically and the Windy Fork REE project.

# *SnowLake*

RESOURCES LTD.



## **Project Presentation**

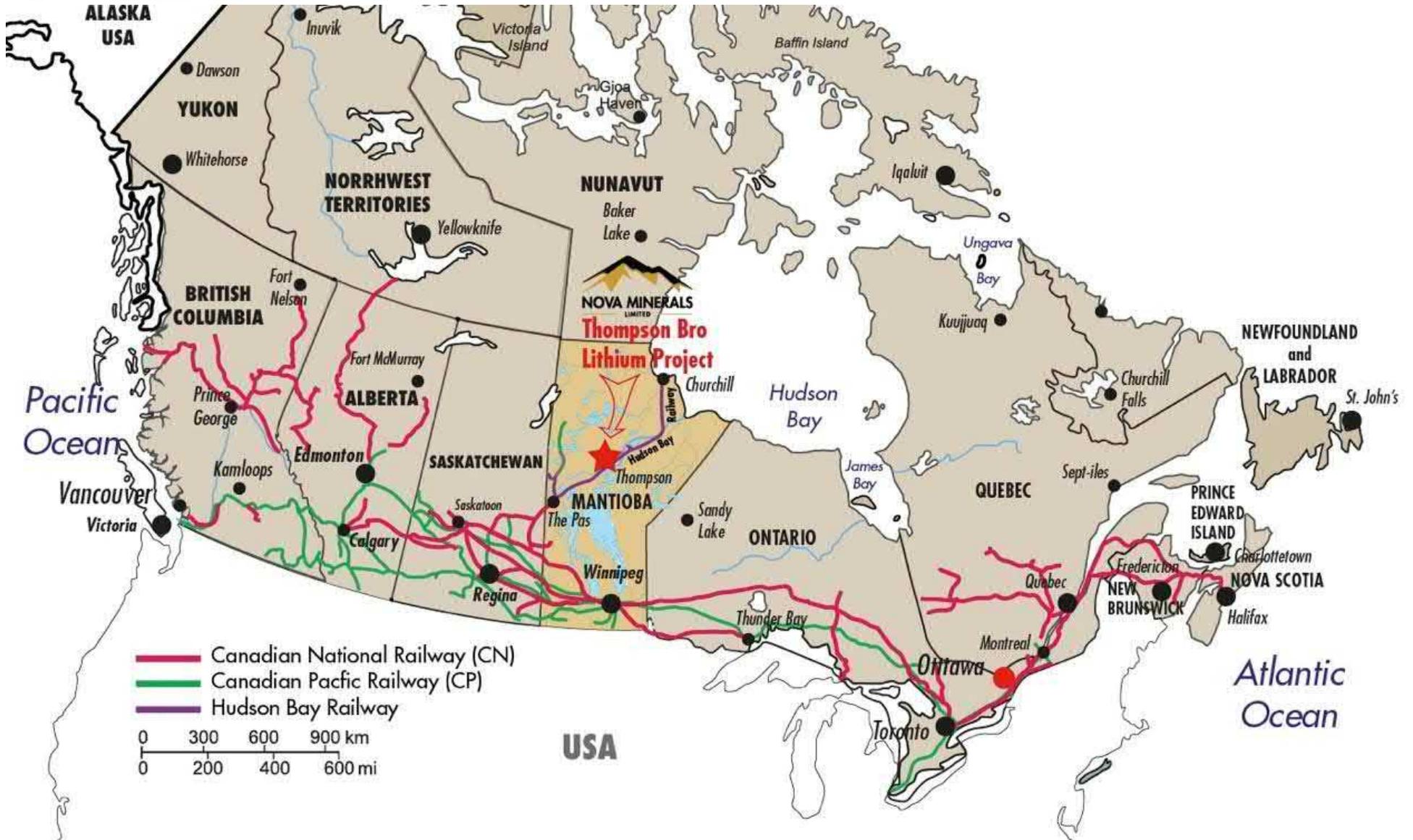
## Disclaimer & Forward Looking Statements

The information contained in this confidential document (“Presentation”) has been prepared by Snow Lake Resources Limited (the “Company”). It has not been fully verified and is subject to material updating, revision and further amendment. While the information contained herein has been prepared in good faith, neither the Company nor any of its shareholders, directors, officers, agents, employees or advisers give, have given or have the authority to give, any representations or warranties (express or implied) as to, or in relation to, the accuracy, reliability or completeness of the information in this Presentation, or any revision thereof, or of any other written or oral information made or to be made available to any interested party or its advisers (all such information being referred to as “Information”) and liability therefore is expressly disclaimed. Accordingly, neither the Company nor any of its shareholders, directors, officers, agents, employees or advisers take any responsibility for, or will accept any liability whether direct or indirect, express or implied, contractual, tortious, statutory or otherwise, in respect of, the accuracy or completeness of the information or for any of the opinions contained herein or for any errors, omissions or misstatements or for any loss, howsoever arising, from the use of this Presentation. Neither the issue of this Presentation nor any part of its contents is to be taken as any form of commitment on the part of the Company to proceed with any transaction and the right is reserved to terminate any discussions or negotiations with any prospective investors. In no circumstances will the Company be responsible for any costs, losses or expenses incurred in connection with any appraisal or investigation of the Company. In furnishing this Presentation, the Company does not undertake or agree to any obligation to provide the recipient with access to any additional information or to update this Presentation or to correct any inaccuracies in, or omissions from, this Presentation which may become apparent. This Presentation should not be considered as the giving of investment advice by the Company or any of its shareholders, directors, officers, agents, employees or advisers. Each party to whom this Presentation is made available must make its own independent assessment of the Company after making such investigations and taking such advice as may be deemed necessary. In particular, any estimates or projections or opinions contained herein necessarily involve significant elements of subjective judgement, analysis and assumptions and each recipient should satisfy itself in relation to such matters. Neither this presentation nor any copy of it may be (a) taken or transmitted into the United Kingdom, Canada, Japan or the United States of America, their territories or possessions; (b) distributed to any U.S. person (as defined in Regulation S under the United States Securities Act of 1933(as amended)) or (c) distributed to any individual outside Australia, Canada or Japan who is a resident thereof in any such case for the purpose of offer for sale or solicitation or invitation to buy or subscribe any securities or in the context where its distribution may be construed as such offer, solicitation or invitation, in any case except in compliance with any applicable exemption. The distribution of this document in or to persons subject to other jurisdictions may be restricted by law and persons into whose possession this document comes should inform themselves about, and observe, any such restrictions. Any failure to comply with these restrictions may constitute a violation of the laws of the relevant jurisdiction. The Company confirms that it is not aware of any new information or data that materially affects the information included in this document and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

# SnowLake

RESOURCES LTD.

## Our project - Thompson Bros. Lithium Project



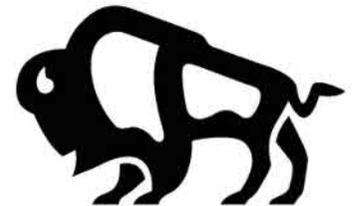
## Stable Jurisdiction

- Canada ranked number one for mining investment by the Fraser Institute (2017).
- Manitoba was ranked number two for mining investment by the Fraser Institute (2016).
- Nearby community of Snow Lake is mining friendly, with a long history of extractive industries.
- The Tanco Mine in southeast Manitoba is one of two North American rare metal mines where lithium has been produced historically.

## Our project - Thompson Bros. Lithium Project



# Manitoba

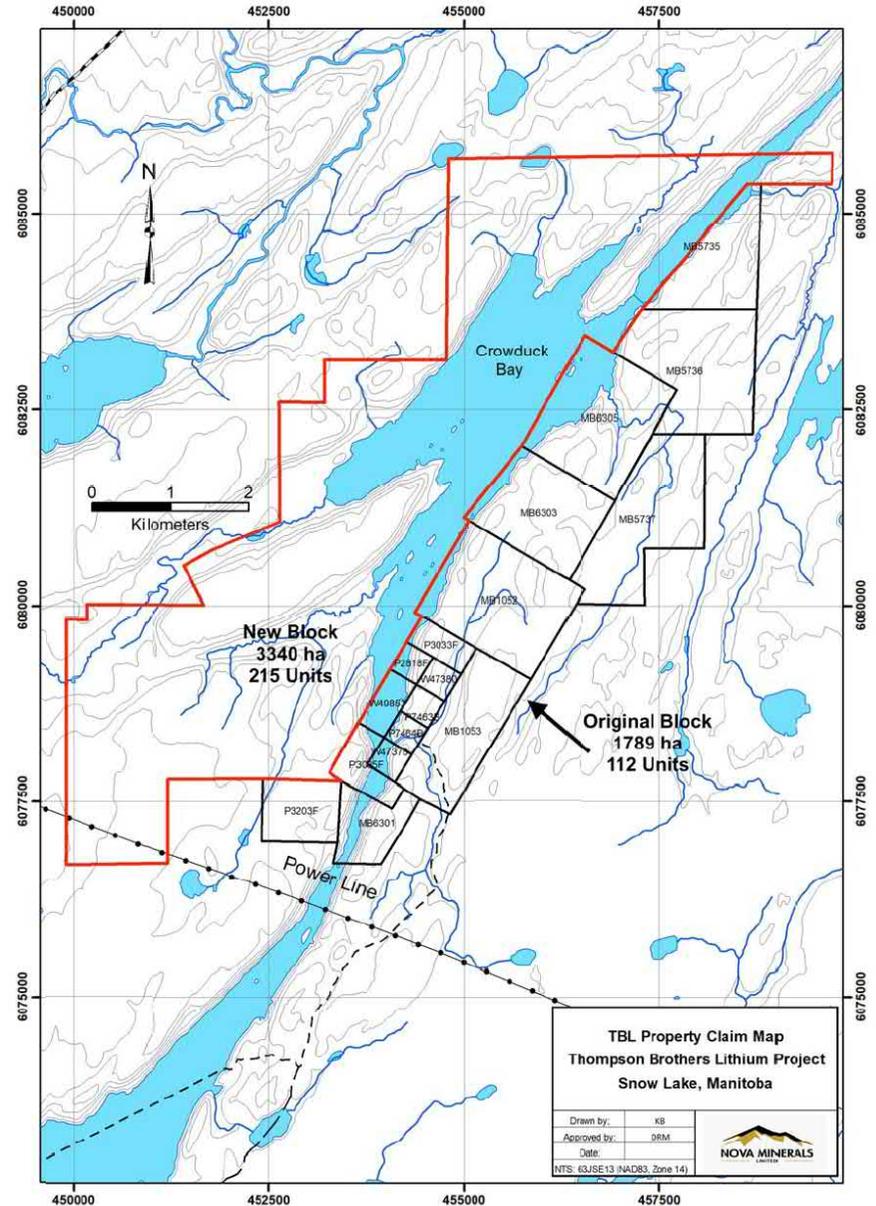


## Large and Growing Land Position

- The original claim block totaled 1789 ha with the new block adding an additional 3440 ha.\*
- This brings the total landholding in the region to **5229 ha**.
- Landholding remains relatively unexplored with the main historic activity being focused at the Thompson Brothers Pegmatite and the Sherritt Gordon Pegmatite.

## Total Landholding in the Region of 5229 Hectares

## Our project - Thompson Bros. Lithium Project

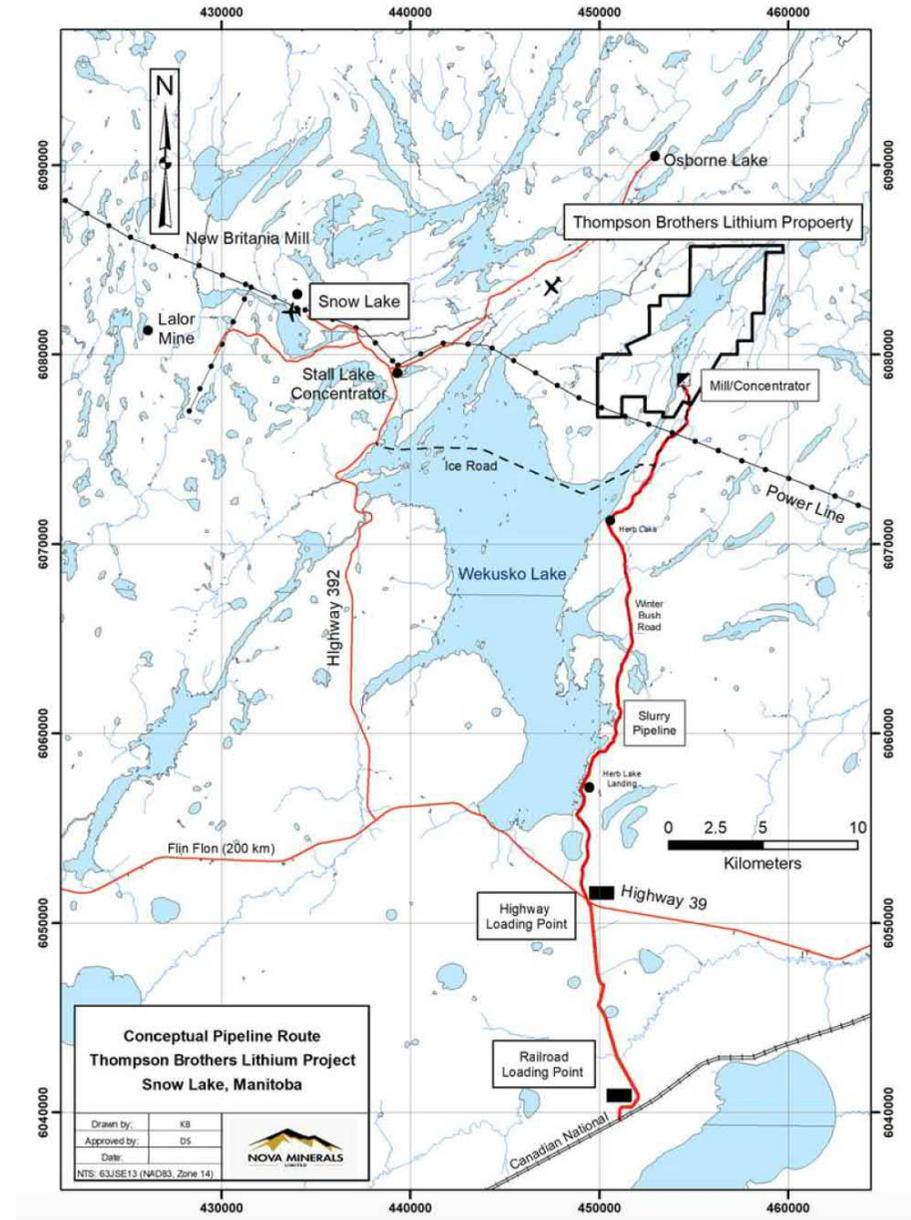


### Nearby Infrastructure

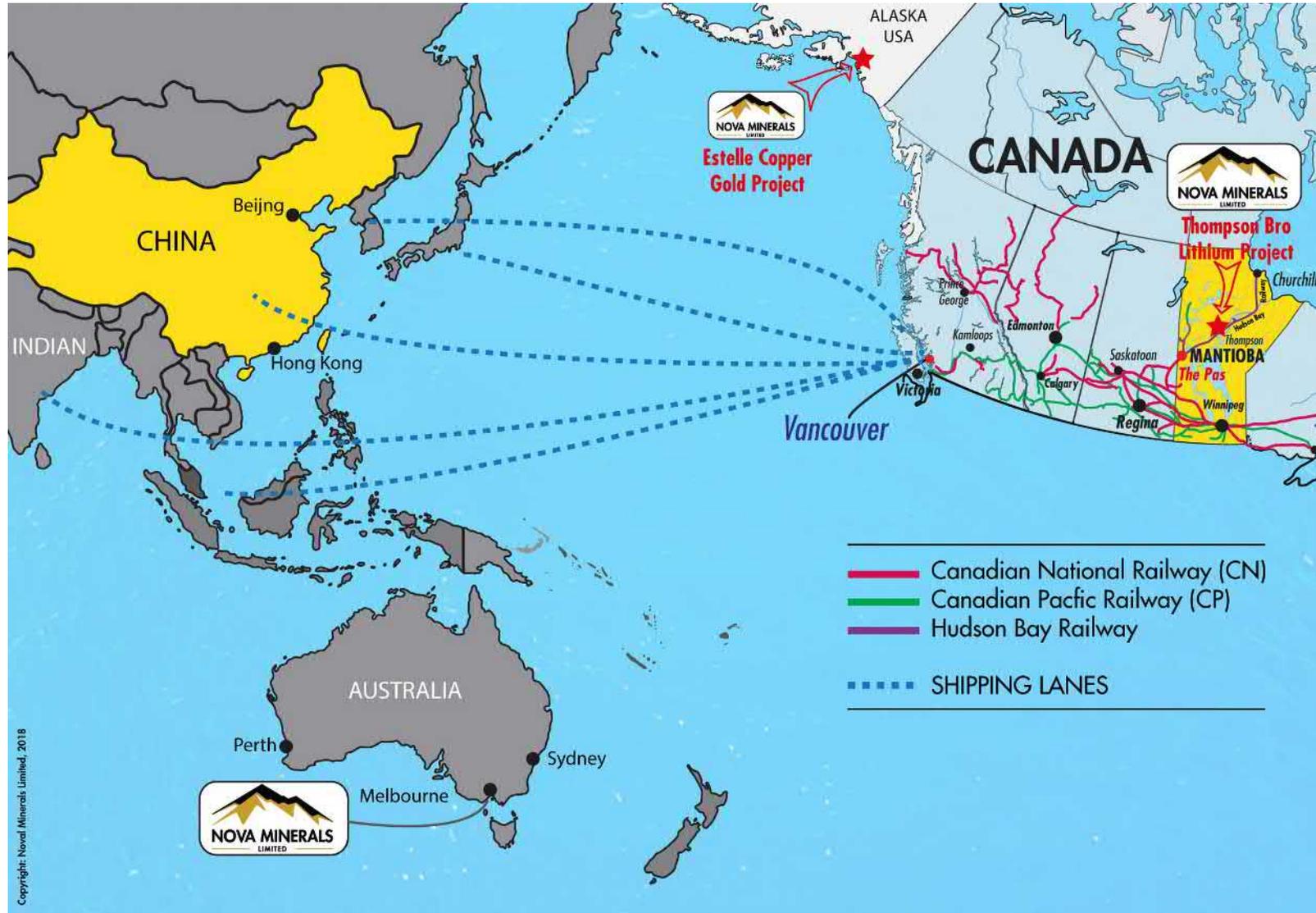
Close to critical infrastructure, and the major centres of Thompson and Flin Flon.

- Powerline ~ Onsite
- Railway ~ 35km
- Road ~ 11km
- Airstrip ~ 5km

### Conceptual Slurry Pipeline Solution to Road and Rail



### Mine to Market Strategy



Shipping Lanes between Canada and Asia • Rail Lines in Canada from Manitoba to Vancouver

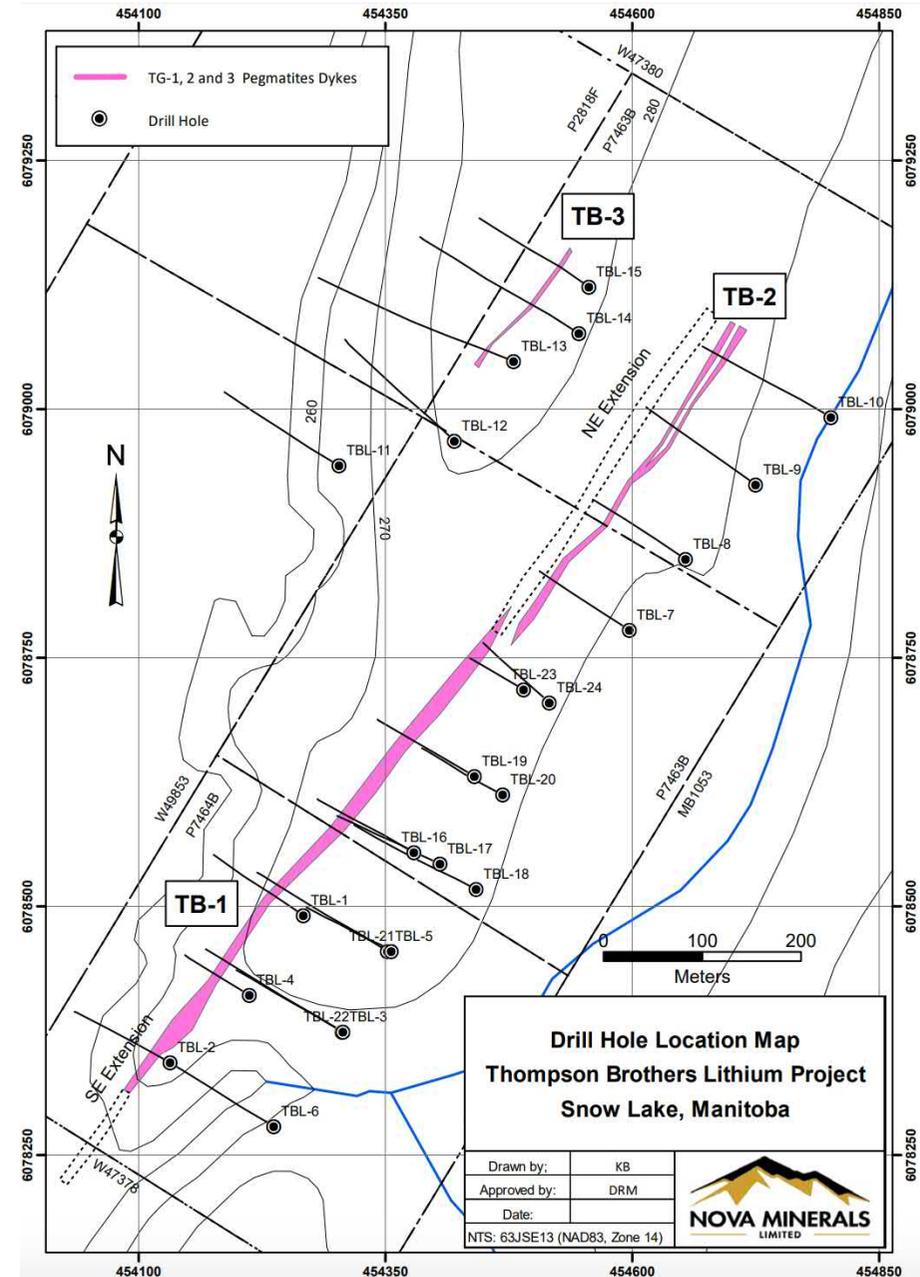
## We Have Only Scratched The Surface

- Snow Lake Resources is on course to deliver additional discovery and to add significant tonnes
- For the southern section (area drilled to date) of the Thompson Brothers project\*, the Company has determined an exploration target of **9.0Mt to 13.0Mt with a grade range of between 1.30 % Li<sub>2</sub>O and 1.70% Li<sub>2</sub>O\*\***
- Initial metallurgical test work demonstrates the project **can produce a concentrate material of 6.37% Li<sub>2</sub>O\*\*\*** using standard metallurgical laboratory test techniques.

\*Right to earn up to 80% project interest by financing option commitments of Progressive Planet Solutions Inc. (TSXV: PLAN), formerly Ashburton Ventures Ltd (TSXV: ABR)

\*\*ASX Release 12 April, 2018

\*\*\*ASX Release 7th and 13th June, 2018

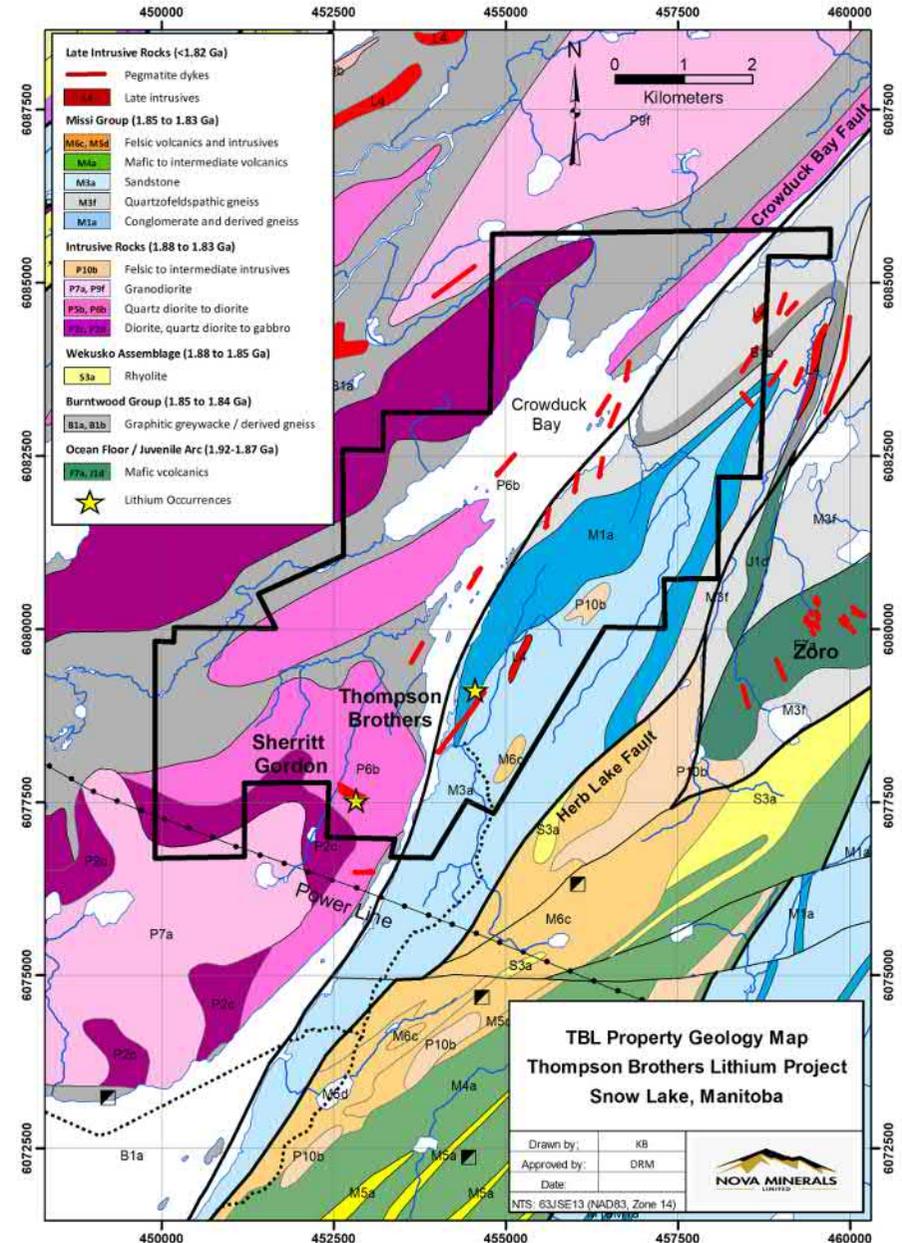


### Regional Geology

- Snow lake Resources Lithium project hosts several identified pegmatite dykes with high-grade lithium found to date.
- Historical drilling on Thompson Bros. Lithium project indicated a historic “reserve” (Snow Lake Resources does not treat the historical estimate as current mineral resources or mineral reserves as defined by NI 43-101).

### Significant Opportunity to Boost Lithium Tonnages on the Combined Property

*\*These estimates are historical estimates and are not reported in accordance with the JORC Code. A competent person has not done sufficient work to classify the historical estimates as mineral resources and/or reserves in accordance with the JORC Code. It is uncertain that following evaluation and/or further exploration work that the historical estimates will be able to be reported as mineral resources or ore reserves in accordance with the JORC Code.*



### 6.37% Li<sub>2</sub>O Concentrate

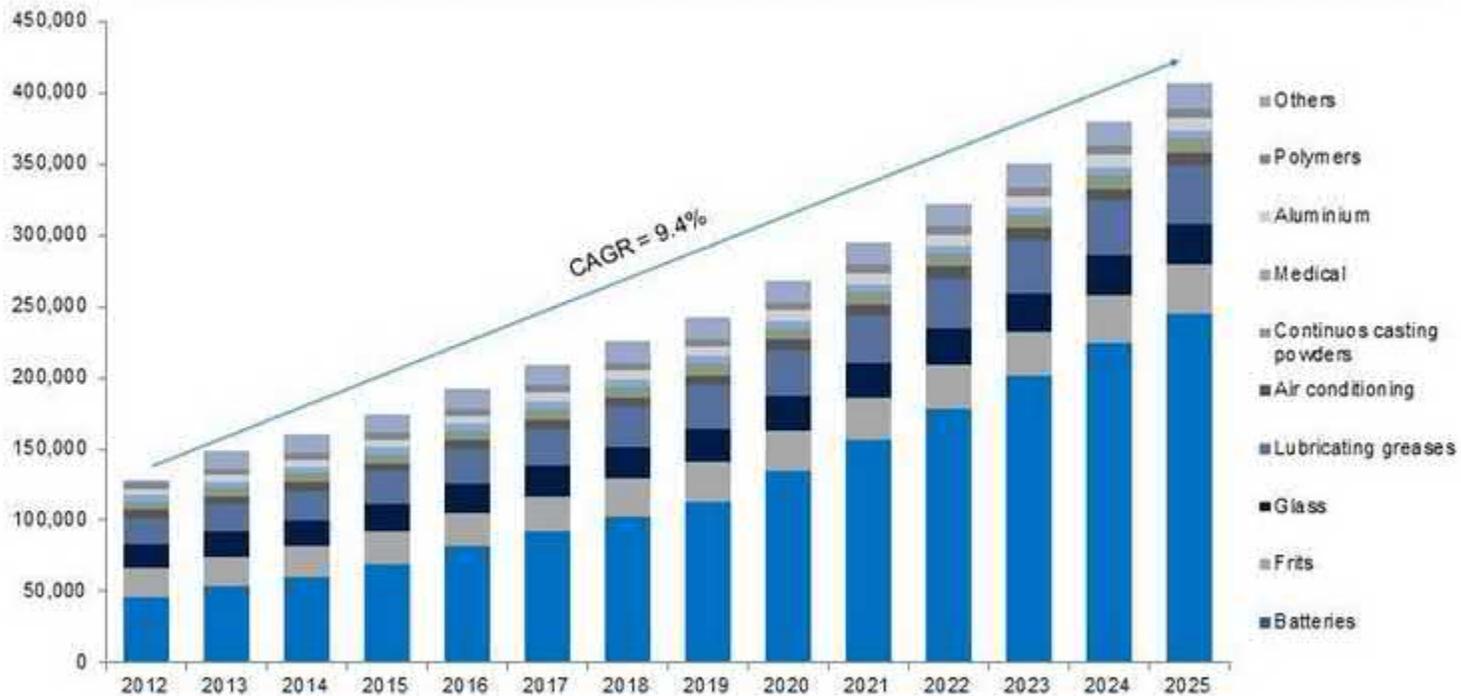
- Initial metallurgical test work demonstrates the project can produce a concentrate material of **6.37% Li<sub>2</sub>O\*** using standard metallurgical laboratory test techniques.
- A small head assay sample was taken for feed analysis. The results of the head assay returned a value of 1.40% Li<sub>2</sub>O. The remaining was ground to 100% passing 300 µm and used for the processing tests. The major processing technique is flotation in mechanical flotation cell. *This Li<sub>2</sub>O grade of the residual concentrate was 6.37%.*



Soaring Demand for the light metal has meant that the global lithium supply chain has had to grow nearly exponentially to keep up.

Lithium consumption is estimated to exceed 400,000 tonnes by 2025, driven by lithium battery demand

Lithium Consumption Forecast: 2012 – 2025 Tonnes LCE



Source: signumBOX estimates March 2013

### EV Revolution is Accelerating

#### Company announcements



\$84bb - 300 new EVs to mkt by 2030



Mercedes-Benz

Will electrify entire lineup by 2022



100% EVs by 2030



\$11bb to develop 40 EVs by 2022



20 new EVs by 2022



Audi

800,000 EVs per year by 2025



All new models will be EVs from 2019

#### Government policies



100% EV – expected 2030



100% EV by 2025



100% EV by 2025



100% EV by 2030



100% EVs by 2030



100% EV by 2040



\$7,500 rebate + sales tax relief

### The Next Wave - Batteries in Everything

#### Mass Transit Buses



- Buses cause 40x the impact of cars
- China moving to 100% e-buses
- Shenzhen has world's largest bus fleet and is now 100% electric

#### Freight Short and Long Haul



- Lower Total Cost of Ownership
  - 60% less maintenance
  - 70% less fuel
- Focused on local deliveries
- Major orders from Walmart, Pepsi, UPS, FedEx, DHL, Sysco...

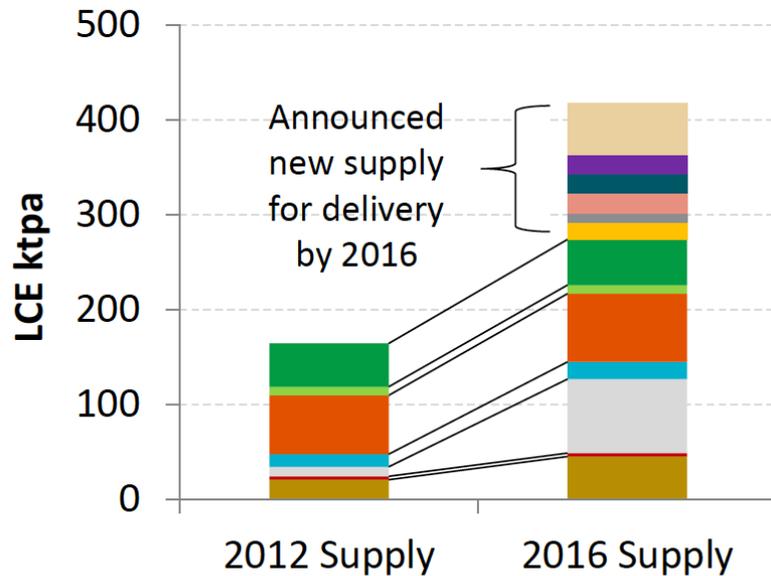
#### Energy Storage Renewable Energy



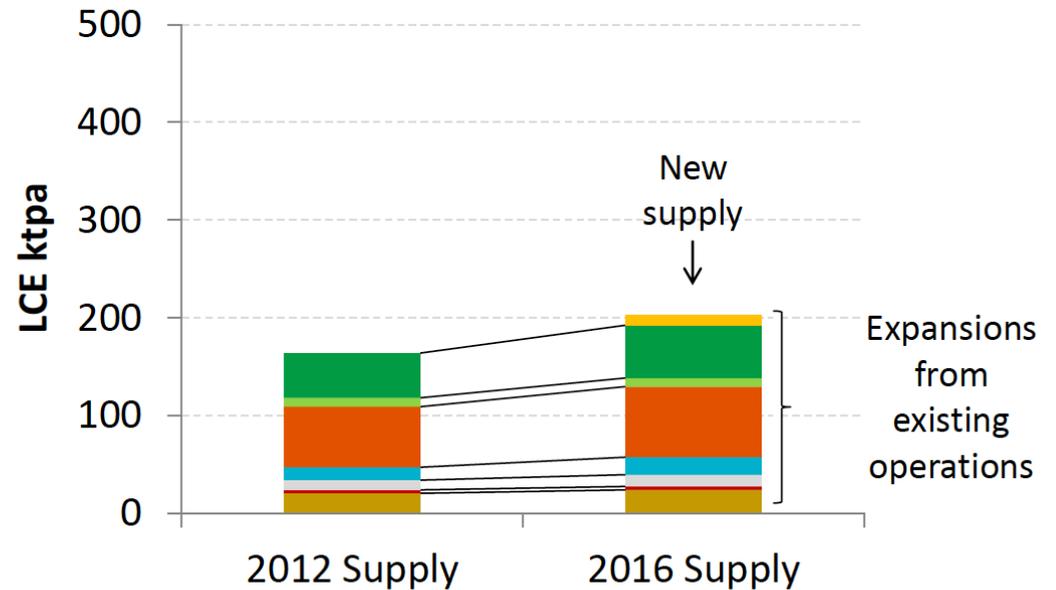
- Solar adding new energy at 20x the rate of EVs
- >90% of grid installations using Liion batteries

### What is expected is not always delivered on the supply side

**Planned in 2012**



**Delivered in 2016**



- ALB Atacama
- Greenbushes, WA
- Salar del Rincón
- Mt Marion
- ALB Silver Peak
- Other Mineral
- Quebec Lithium
- Chinese Brine & Mineral
- SQM Atacama
- ALB La Negra 2
- FMC Hombre Muerto
- Olaroz
- Mt Cattlin

Sources: Company Reports, USGS, Roskill, Industrial Minerals

### Important Milestones to Drive The Project

|   | Completed | Completed By | Start By  |
|---|-----------|--------------|-----------|
| Resource estimation drilling                          | ✓         |              |           |
| Search for commercially exploitable resource          | ✓         |              |           |
| Commencement of metallurgical studies                 | ✓         |              |           |
| Competent Person Report – Initial Resource            |           | August 2018  |           |
| Infill and resource expansion drilling                |           |              | Q4, 2018  |
| Updated Resource Estimation                           |           |              | Q2, 2019  |
| Pre-Feasibility study (PFS)                           |           |              | Q3, 2019  |
| Preparation of Mining permits and licence application |           |              | Q4, 2019  |
| Project financing*                                    |           |              | Q4, 2019  |
| Construction of Infrastructure and plant*             |           |              | 2020/2021 |
| Plant commissioning*                                  |           |              | 2020/2021 |
| Commercial operations begins*                         |           |              | 2020/2021 |
| *Subject to permits and approval timing               |           |              |           |

**Snow Lake Resources Ltd - A Emerging Lithium Developer in a Premier mining Jurisdiction**

# *SnowLake*

RESOURCES LTD.

**Thank you**

