

**QUANTUM RESOURCES LIMITED**

(ASX: QUR)

**ASX and Media Release**

21 March 2017

**Drilling Commences at Thompson Bros Lithium Project**

Quantum Resources Limited (ASX: “QUR” or “the Company”) is pleased to advise that drilling at its Thompson Bros Lithium Project (“the Project”) in Manitoba, Canada has commenced.

**Highlights:**

- **Site works completed including road construction, trail and drill site building**
- **Drill crews and rig mobilised**
- **Drilling has commenced**
- **Goal to systematically test the known pegmatite to convert historical resource estimate into JORC compliant inferred resource**

Drilling Commences

Quantum Resources Limited has engaged RJ Beaupre Diamond Drilling Ltd. (“Beaupre”) Of Kamloops, British Columbia to carry out drilling program at the Thompson Bros. Lithium Project. Beaupre is a second-generation family business with extensive experience as a specialist on difficult sites throughout northern Canada.

Beaupre shall supply all the necessary manpower, equipment and materials to complete 16-18 NQ diamond drill holes (approximately 3200 to 3500m) on the Company’s Thompson Bros Lithium Project.

**Drill crews and rig have now been mobilised to site and field operations including drilling has commenced.**



**Figure 1: Commencement of drilling at the Thompson Bros Lithium Project**

#### Ice Road and Lead Items Complete

The Company has completed its planned reactivation of the old drill road last used in 1997. Sufficient time has now been allowed for the winter road to be opened. This required packing, flooding and time to freeze to an adequate strength.



**Figure 2: Ice Road Construction into Thompson Bros Lithium Project**

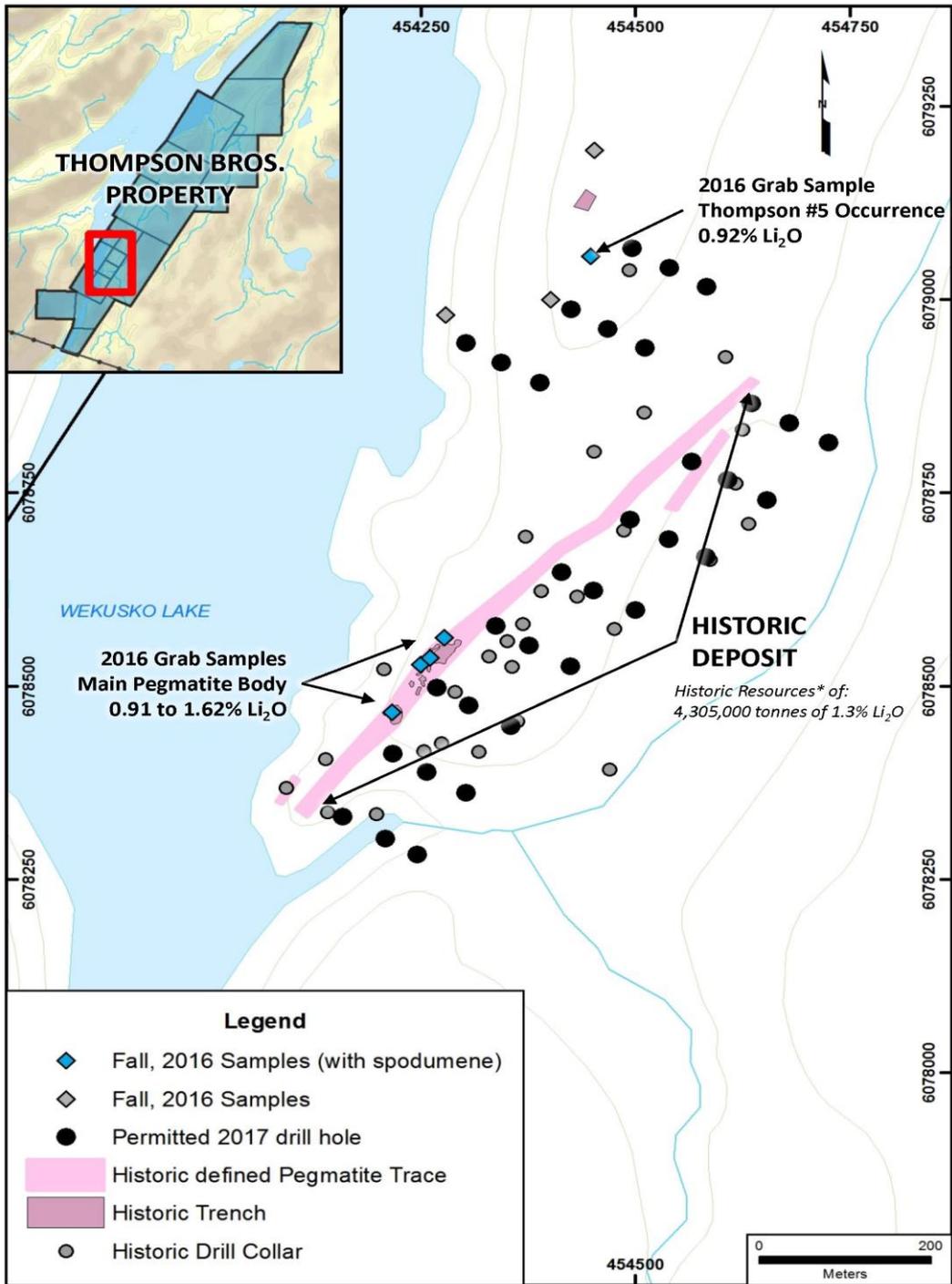
### 2017 Winter Drilling Program

Quantum Resources Limited will use the 2017 Winter Drilling Program to systematically test the pegmatite to follow much of the historic drilling.

The Company is targeting drill holes which will test the extent of the mineralization of the previously intersected zones and possibly also test for down dip extension. **It is anticipated that this drilling will allow an initial JORC Compliant Inferred Resource to be calculated for the Project.**

Preliminary drill targets have been identified using historic drill hole information. The plan is to prepare pairs of drill holes along a series of section lines to intersect the pegmatite at varying depths along the strike length. Drill holes will step out 100 metres apart along section lines spaced 100 metres apart running northwest-southeast. The Program is to comprise sixteen NQ diamond drill holes along the approximately 800m strike of known mineralisation for a total of 3,200m of drilling.

Drill holes will be systematically geologically and geotechnically logged and assayed. Final data compilation, database creation, geological interpretation, and resource modelling will be completed in accordance with JORC regulations. A JORC compliant Technical Report will be completed which will include the data from the 2017 Program.



\* A historic resource calculation made by B. Ainsworth, P. Eng. in 1998. This historic resource cannot be relied upon as it does not meet CIM or JORC definition standards but are reported here for historical purposes only. A Qualified Person has not done sufficient work to classify the historical estimate at the Thompson Bros. Property as current mineral resources

**Figure 3: 2017 Winter Drilling Program – Proposed Drilling Map**

## Background – Summary of Work From 2016 Winter Exploration Program

A 2016 winter exploration program was conducted on the Thompson Brothers Project during November 2016. The primary focus of the exploration was to validate and expand on the previous 2016 campaign as well as other historical work undertaken on the Project.

As announced on 21 December 2016, Samples from the Winter Exploration Program returned as high as **7,520ppm Li or 1.62% Li<sub>2</sub>O**. Lithium mineralisation was identified at multiple locations within the Project, including further confirmation of extent of mineralisation at the main Thompson pegmatite as well as a possible new source of lithium mineralization at Thompson #5, which could significantly boost overall tonnages.

Given the continued encouraging data being encountered and further validation of historical work, the Company made the decision to fast track a drilling program to confirm the historical, non-JORC compliant resource previously calculated on the Project.

The Company is pleased to commence the next stage of its development strategy to follow up on its previous encouraging results and to rapidly advance the Project. Following completion of its recent financing initiatives, the Company is in a strong financial position to fund its various objectives to increase shareholder value through the first half of 2017.

The Company looks forward to providing further updates on what promises to be an exciting period of development for shareholders.

For and on behalf of the Board,



Avi Kimelman

Director

## About Quantum Resources Limited (ASX: "QUR" or the "Company"):

QUR own the rights to back in to earn up to 95% 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.