



# ASX ANNOUNCEMENT

**SAYONA**  
MINING LIMITED

12 JULY 2018

## SITE VISIT TO TANSIM HIGH LIGHTS SPODUMENE POTENTIAL

### Highlights:

- Large spodumene crystals identified in initial site visit. Mapping and sampling programs planned to define drill targets
- Recent airborne geophysics confirms large east-west structural corridor extending over 9 kilometres where pegmatite dykes have been mapped and sampled on surface
- Pegmatites within the magnetic corridor include channel sampling intersections up to 18.95 metres @ 0.94%  $\text{Li}_2\text{O}$ , and selective rock chips of between 2.04% and 2.87%  $\text{Li}_2\text{O}$

Sayona Mining Limited (ASX: SYA) ("Sayona" or the "Company") is pleased to announce the commencement of exploration activities at the Tansim lithium project in Quebec, Canada.

Tansim is situated 82 kilometres south-west of the Authier lithium project in Quebec. The project comprises 65 mineral claims of approximately 12,000 hectares, and is prospective for lithium, tantalum, and beryllium. Historical exploration on the property has included mapping, sampling, and geophysics.

The Company's geologist has visited the site to undertake an initial reconnaissance to confirm the access arrangements into the main pegmatite zones. Figure 1 shows some of the spodumene crystals observed at the Viau Dallaire pegmatite system.



Figure 1: Spodumene crystals at the Viau Dallaire pegmatite

The priority focus of the exploration program is to define drilling targets at the following priority prospects (Figure 2):

- Viau Dallaire – a 300 metre long dyke, dipping 40 degrees north, and 12-20 metres in thickness. Three channel samples include 10.3 metres @ 1.40%  $\text{Li}_2\text{O}$ , 11.15 metres @ 0.84%  $\text{Li}_2\text{O}$  & 18.95 metres @ 0.94%  $\text{Li}_2\text{O}$  (including 7.3 metres at 1.77%  $\text{Li}_2\text{O}$ ); and

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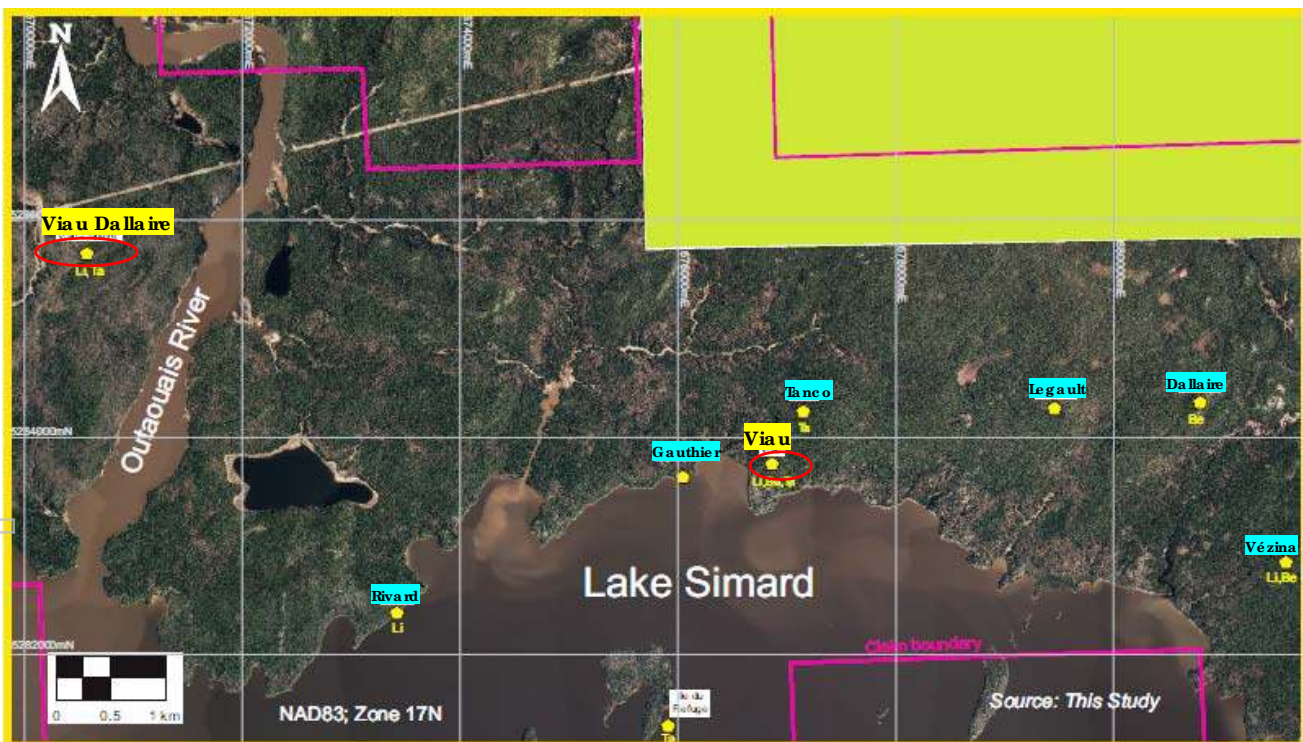
ASX Code: **SYA**

- Viau – pegmatites have been mapped up to 200 metres long and 30 metres wide. Two separate channel samples returned grades of up to 2.77% Li<sub>2</sub>O and 1.37% Li<sub>2</sub>O over 3.2 metres, respectively.

A recent airborne geophysics survey confirmed a strong east-west magnetic anomaly coincident with historical surface mapping of pegmatites over an area 9 kilometres long and up to 700 metres wide – see Figure 2. The host intermediate/mafic magnetic rocks confirmed through the survey have been intruded by discrete outcrops of sub-parallel lithium, beryllium, and tantalum-bearing, granitic pegmatite dykes. The conjunction of east-west trending pegmatite dykes dipping to the north and hosted by metamorphic ultramafic and schist rocks is a similar geological setting observed at Authier.

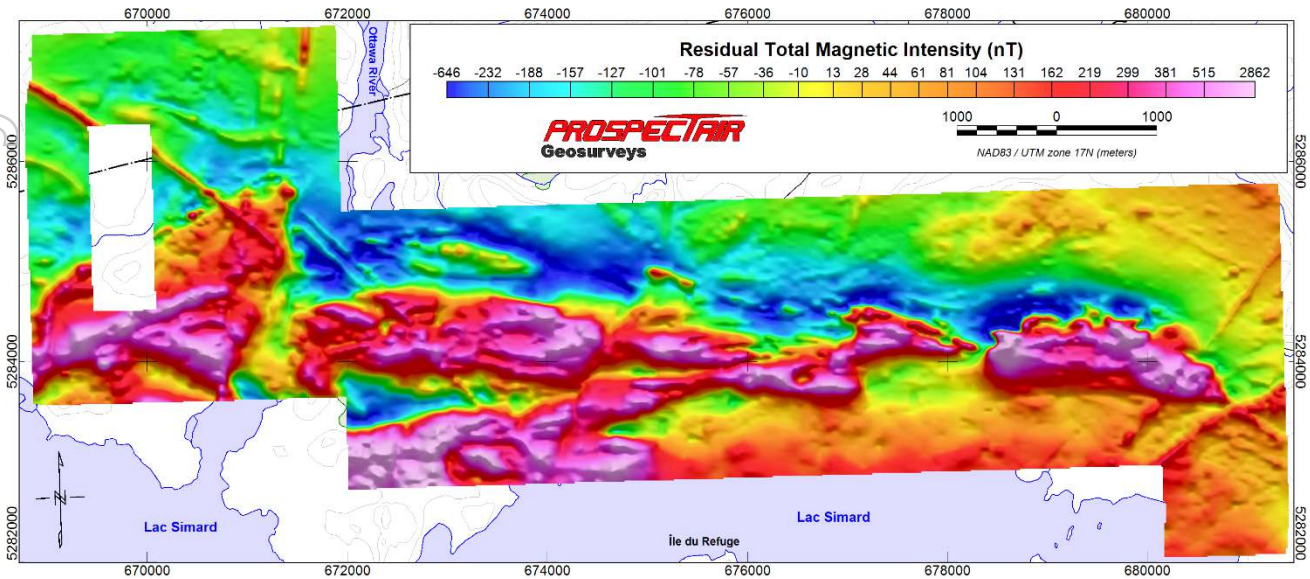
Mapping and sampling programs are planned to define the geometry of the pegmatites for future drilling. Exploration is being closely coordinated with the local First Nations group, Long Point First Nation, who will provide support services for the future work programs.

Dan O’Neill, Managing Director, commented “*The Company will draw on its significant experience and expertise in lithium geology in the region, developed through more than 20,000 metres of drilling and exploration at Authier. Tansim demonstrates stand-alone potential but could be developed as a complimentary satellite operation to Authier, where the Company is currently completing a Definitive Feasibility Study*”



**Figure 2:** Distribution of prospects at Tansim project including the first priority Viau Dallaire and Viau (highlighted in yellow).





**Figure 3:** Residual Total Magnetic Intensity showing the east-west structural trending controlling pegmatite placement.

**For more information, please contact:**

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**COMPETENT PERSON STATEMENT**

The information in this report that relates to Exploration Results is based on information compiled by Dr Gustavo Delendatti, a member of the Australian Institute of Geoscientists. Dr Delendatti is an independent consultant, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which it is undertaking to qualify as a Competent Person as defined in the JORC Code (2012 Edition) of the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.” Dr Delendatti was responsible for the design and conduct of the most recent Sayona exploration drilling campaigns at the Authier project in Canada supervised the preparation of the technical information and audit of all the historical drilling data contained in this release and has relevant experience and competence of the subject matter. Dr Delendatti, as a competent person for this announcement, has consented to the inclusion of the information in the form and context in which it appears herein.

**Forward Looking Statements**

This announcement may contain forward-looking statements. These forward-looking statements are based on Sayona’s expectations and beliefs concerning future events. Forward looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Sayona, which could cause actual results to differ materially from such statements. Sayona makes no undertaking to subsequently update or revise the forward-looking statements made in the announcement, to reflect the circumstances or events after the date of that announcement.

***Reference to Previous ASX Releases***

This document refers to the following previous ASX releases:

- Tansim Airborne Geophysics Highlights Targets, 21 March 2018

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and all material assumptions and technical parameters continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

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