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NEW MINERALISED SPODUMENE PEGMATITE DISCOVERED AT AUTHIER

Sayona Mining Limited (ASX: SYA) ("Sayona" or the "Company") is pleased to announce it has discovered a new spodumene bearing pegmatite at the Authier lithium project, Quebec.

The new pegmatite was discovered in a step-back drill hole (no. 10) targeting deeper mineralisation in the eastern zone of the Authier pegmatite. The new pegmatite, not visible from the surface, was intersected at shallow levels between 15 metres to 21 metres downhole depth and contained visible spodumene mineralisation (see Figure 1).

The new pegmatite is located approximately 400 metres north of the main pegmatite resource. Further drilling is required to test the extent of the new pegmatite system.

Drill hole 10 was planned to test the depth extension of the Authier resource at 200 metres vertical depth. In addition to the mineralisation intersected in the new pegmatite, mineralised pegmatite of the main body was also intersected between 234 – 244 metres, and 258 to 280 metres downhole depth.

The new discovery highlights the potential for identifying new pegmatites within the Authier tenement package which remains under explored outside the main pegmatite resource.

The Company has now completed ten drill holes totalling 2,000 metres and samples from the first seven holes have been sent to the laboratory for analysis.



Figure 1: Spodumene mineralisation in the new pegmatite

For more information, please contact:

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Sayona Mining Limited is an Australian, ASX-listed (SYA), company focused on sourcing and developing the raw materials required to construct lithium-ion batteries for use in the rapidly growing new and green technology sectors.

Please visit us at www.sayonamining.com.au

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 "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves." Dr Delendatti was responsible for the design and conduct of this exploration drilling campaign, supervised the preparation of the technical information in this release and has relevant experience and competence of the subject matter. Dr Delendatti, as competent person for this announcement, has consented to the inclusion of the information in the form and context in which it appears herein.