

## ASX Announcement

ASX: Li3

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### Botswana Drilling in Progress

- **5-hole percussion drill program in progress**
- **Maiden hole drilled and completed at 99m**
- **Botswana lithium brine resource potential being investigated**

Lithium Consolidated Mineral Exploration Ltd ("LCME") is pleased to announce that our Botswana lithium brine drilling program is in progress.

A maiden hole (BH-1) was drilled and completed on Prospecting License 264/ 2016, located in the Makgadikgadi Pans in the Kalahari Desert in northern Botswana.

The BH-1 hole was drilled to a total depth of 99m into a semi-consolidated sandstone of the Kalahari Group. The water yield steadily increased down-the-hole to reach a maximum of 45 m<sup>3</sup>/hr and sampling was done at 10m intervals and at major water strikes.

Figure 1: Maiden drill hole with strong water strike



The first water strike was at 6m, and flowed at an estimated 9m<sup>3</sup>/hr, and was cased-off, with casing inserted to 23m for deeper drilling. A second, significantly stronger, water strike was encountered at 90m and caused the airlift flow to reach an estimated 45m<sup>3</sup>/hr. The water

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pressure from the second water strike, was so high that it prevented the down-the-hole hammer from operating, causing the hole to be stopped at 99m, before bedrock was reached.

The higher than expected flow rates are a positive indication of sections with porosity and permeability which will facilitate strong flow, supporting potential production from this portion of the basin.

Eleven (11) samples were collected (in duplicate) as drilling progressed and will be submitted for assay.

The reservoir is a semi-consolidated sandstone formation within the Tertiary – Recent Kalahari Group, which blankets the entire area of the LCME licences, and which is unusually thick at this location.

The lithium concentration of the samples collected will be reported upon completion of drilling and assaying.

The full drill program will consist of 5- air percussion drill holes.

The drilling is targeted to penetrate the base of the Kalahari Group, which is generally expected to be at depths of 40 – 50 metres.

The drill results will determine the depth and thickness of the deeper brine reservoirs, lithology at the borehole location, and the presence of lithium bearing brine.

The drill program is scheduled to be completed by the end of December 2017.

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Figure 2: Drilling with strong water strikes



Figure 3: Samples collected



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Figure 4: Down-the-hole hammer air percussion rig with crew



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## **Competent Person Statement**

The information in this release that relates to Exploration Results has been reviewed and approved by Jerry Aiken, who is a Registered Member of the Society for Mining, Metallurgy and Exploration (SME). Jerry Aiken is a geologic consultant to the Company, and has extensive experience relevant to the styles of mineralisation and type of deposit under consideration. Mr Aiken is a Competent Person (CP) as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC). Jerry Aiken consents to the inclusion in the release of the concepts and geologic principles expressed in this press release, based on his review in the form and context in which it appears.

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