

# Ardiden Ltd.: Outstanding High Lithium Grades From Root Bay Project

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Perth - [Ardiden Ltd.](#) (ASX:ADV) is pleased to advise that it has received highly promising results from its maiden exploration and sampling program at the 100% owned Root Bay Lithium Project in Ontario, Canada, which was recently staked by Ardiden and received approval by the Ontario Ministry of Northern Development and Mines ("MNDM") in July 2016.

## HIGHLIGHTS

- A reconnaissance exploration and sampling program has been completed at the newly staked and 100% owned Root Bay Lithium Project in Ontario, Canada.
- All channel samples have been analysed with outstanding grades of up to 2.54% Li<sub>2</sub>O returned from the maiden program.
- All channel samples confirmed the strong presence of lithium mineralisation, including the identification of a 13m zone across the pegmatite exposure averaging 1.77% Li<sub>2</sub>O.
- The mapping and sampling program has also confirmed the orientation of the pegmatite structure, which will assist with drill targeting.
- The next phase of exploration will target the strike and dip continuity of the primary pegmatite structure and allow additional local pegmatite exposures to be mapped and sampled.
- Subject to assay results, Ardiden's geological team will aim to define drill-ready targets in preparation for resource modelling.

The program, which included channel sampling of the known pegmatite at the Root Bay Project, has returned impressive lithium grades - confirming the potential of the project.

## ROOT BAY LITHIUM PROJECT

Ardiden recently completed an initial reconnaissance exploration and sampling program at the greenfields Root Bay Lithium Project.

The objective was to verify the potential of the project, given that very limited exploration had been conducted in the area.

The exposed Root Bay spodumene-bearing pegmatite structure was accidentally discovered by a representative of the MNDM in 2011.

Initial observations by the MNDM state that the dyke is characterized by coarse white albite, grey quartz and pale grey-green spodumene crystals up to 10cm long.

The outcrop distribution of the pegmatite indicates that the spodumene dyke is perhaps 10m wide at this location along the limited, exposed contact of approximately 60m.

Ardiden's geological team cut a 15m channel across the surface of the outcropping pegmatite, collecting 15 samples which were each 1 metre long. The channel samples were logged and sent to Actlabs laboratory in Thunder Bay for analysis under QAQC procedures.

Logging and analysis from the maiden sampling program has confirmed the strong presence of spodumene with lithium mineralisation identified in all of the channel samples and outstanding grades of up to 2.54% Li<sub>2</sub>O returned.

Ardiden considers these initial exploration results to be very encouraging, particularly the presence of a continuous 13m long lithium mineralisation zone across the surface of the primary pegmatite exposure, averaging 1.77% Li<sub>2</sub>O (Table 1, see link below).

This initial limited mapping and sampling program provided information about the geological and structural

formations and confirmed the orientation of the pegmatite exposure as North-South striking.

The next phase of exploration will target the strike and dip continuity of the primary pegmatite structure and allow additional local pegmatite exposures to be mapped and sampled.

After reviewing assay results, the geological team will then endeavor to delineate further drill-ready targets, with all data collected to be included in any future resource models.

Table 1 highlights the significant intervals of the channel samples obtained from the Root Bay exposure and which contained lithium mineralisation reporting above the cut-off grade of 1.0% Li<sub>2</sub>O and is expressed as the average grade for each 1m channel sample.

The Company confirms that 87% of the assay results (13 samples) from the channel samples reported above the 1.0% Li<sub>2</sub>O cut-off grade. The remaining two samples fell below the cut-off grade and have not been reported in this announcement.

Ardiden looks forward to providing further updates as they come to hand.

To view tables and figures, please visit:  
<http://abnnewswire.net/lnk/H0JI4VOG>

#### **About Ardiden Ltd:**

[Ardiden Ltd.](#) (ASX:ADV) is an Australian mineral exploration company seeking to generate shareholder wealth by identifying, acquiring and developing mineral projects in any jurisdiction that possess the potential for cashflow and growth.

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