

PDAC Presentation at the Ontario MNDM Booth



ARDIDEN
Ltd

ACN: 110 884 252

ASX Ticker: ADV



A two-pronged strategy for growth in energy metals



- *Lithium – options over advanced Seymour Lake and Root Lake Lithium-Beryllium-Tantalum Projects with drilling already underway*
- *Graphite – Manitouwadge Flake Graphite Project advancing towards a maiden resource*

6 March 2016

Corporate Overview

Ardiden Ltd – Fully-Paid Ordinary as at 1 March 2016



ASX Code	ADV
Shares on Issue	650.6 million
Options on Issue (various)	Nil
Share Price	\$0.029
Market Cap @ \$0.029	A\$19m (undiluted)
3-Month Range	A\$0.008 – \$0.031

Directors

Neil Hackett

Brad Boyle

Piers Lewis

Major shareholders

Top 20 Shareholders

Directors/ Management

%

30

*12

Dec 02, 2015 - Mar 01, 2016 • ADV



Strategy to cost-effectively acquire and develop resource assets in Tier-1 jurisdictions to enhance shareholder value, focusing on commodities with a strong growth outlook...



Targeting the supply of key ingredients for lithium-ion batteries

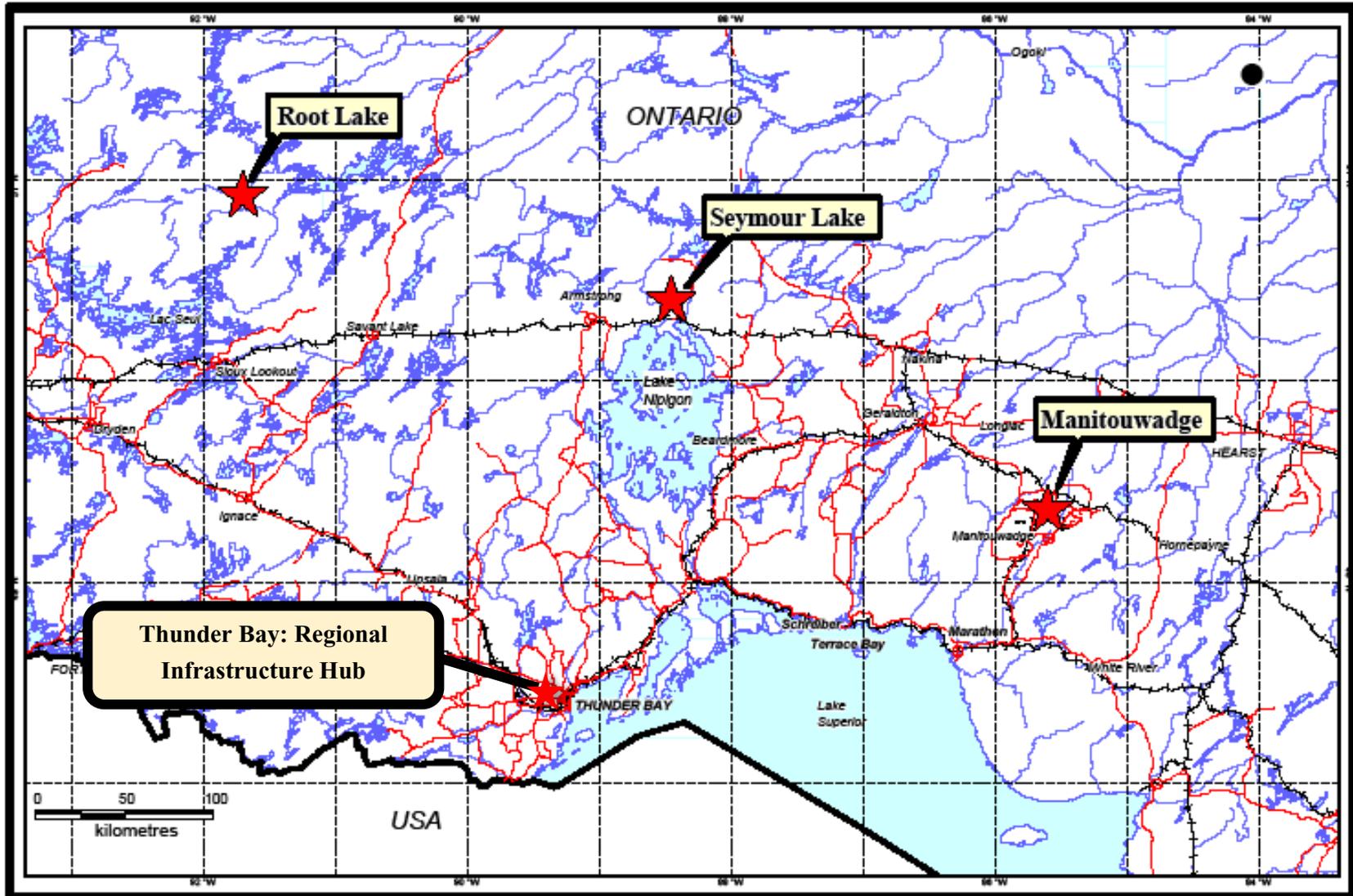
Booming demand outlook for lithium + graphite as Li-ion battery use skyrockets

- Recent Option Agreements to acquire the advanced **Seymour Lake and Root Lake Lithium-Beryllium-Tantalum Project** in Ontario, Canada:
 - *Historical diamond drilling – confirmed potential for high-quality lithium (spodumene) mineralisation*
 - *Due diligence underway at including drilling limited drilling programs both projects, subject to results Ardiden to acquire 100% of projects*
- Exploring and developing the 100%-owned **Manitouwadge Graphite Project** in Ontario, Canada:
 - *3,000m of diamond core drilling completed by Ardiden to date*
 - *Outstanding graphite flake size distribution and metallurgical characteristics*
 - *Maiden JORC Resource for Silver Star prospect targeted for late 2016*
- **Lithium and graphite** both key components of lithium-ion batteries:
 - *Lithium used as the cathode and graphite as the anode*
 - *Transformational growth predicted in lithium-ion battery use*



Project Locations

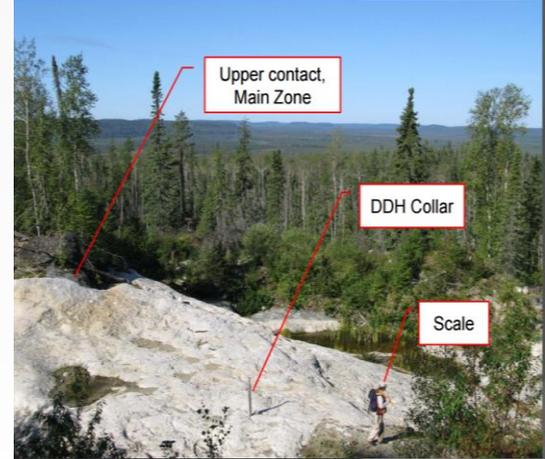
Established Tier-1 mining district, surrounded by major mining deposits



Seymour Lake and Root Lakes Projects

Advanced assets with outstanding potential value

- Option Agreements signed in January and February 2016, for potential 100% acquisition of projects
- Project acquisitions obtained through cost effective series of staged payments
- Historical trenching, sampling and diamond drilling – confirmed potential for high-quality spodumene-bearing pegmatite structures which outcrop, containing multiple zones of lithium, tantalum and beryllium on both projects.
- Lithium anticipated to be in tight supply over the next decade as the demand for lithium-ion batteries undergoes transformational growth
- Potential for tantalite and beryllium as by-products/credits, both of which are currently valued at ~US\$500/kg
- Highly complementary and synergistic to Manitouwadge Project,
 - *Seymour Lake and Root Lake projects can be developed by Ardiden's existing Ontario-based team*
 - *All projects located within a few hours from key infrastructure hub at Thunder Bay*



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Manitouwadge Graphite Project

Emerging flake graphite opportunity

- Outstanding results from drilling completed to date:
 - *High quality graphite coincident with strong EM anomalies confirmed over **10km** strike length – further 9.3km of strike yet to be tested*
 - *Widths of up to 41.6m (true width ~30m) of graphitic gneiss*
 - *Graphite grades comparable to or better than other deposits in Ontario being developed by TSX-listed companies such as Zenyatta Ventures and Northern Graphite*
 - *Graphite grades up to **14.19%** Total Graphitic Carbon intersected*
 - *Drilling to date suggests up to 80% of graphite is premium-priced jumbo/large flake size, flake sizes up to **4,200** microns identified*
 - *Simple, low-cost gravity and flotation beneficiation yields up to **96.8%** purity for jumbo and large flake*
- Located in an established mining province, with good access to infrastructure (road, rail, power, phone and port facilitates) and contractors and suppliers



graphite

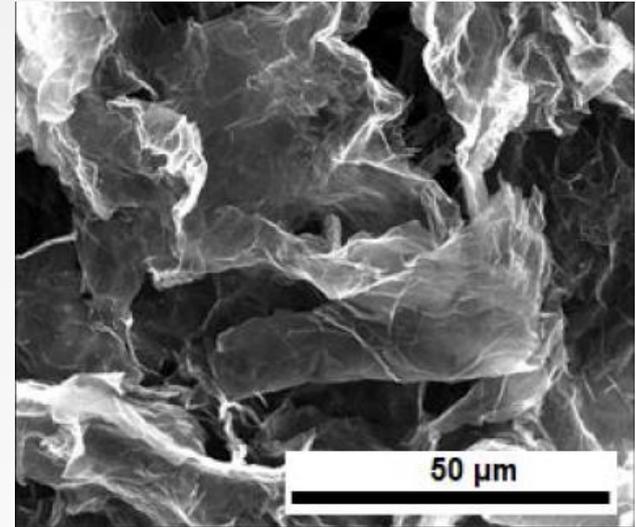


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Outstanding Graphene and Expandable Potential

A 'wonder material' with almost unlimited applications

- Successful testwork confirms the graphite is expandable and graphene can be extracted from Manitouwadge ore using a number of different methods
- Graphene quality described as “outstanding” and comparable with synthetic graphene routes
- Thermal and electrochemical extraction methods most promising, both producing high-quality graphene
- Both extraction methods are rapid and scalable without the need for toxic chemicals, however further testing is required
- Graphene has significant application as an additive in manufacturing:
 - *Addition of a small amount of graphene can impart exponential increases in strength and/or conductivity, facilitating production of stronger, lighter, more energy efficient products*
- Major volume markets include carbon fibre composites, energy storage (batteries), anticorrosion coating and paints, conductive inks, plastics, alloys and building materials



Graphene extracted from Manitouwadge graphite

“Graphene has potential in the 21st century to be what steel was to the 19th century and plastic was to the 20th century” - Paydirt November 2014 issue



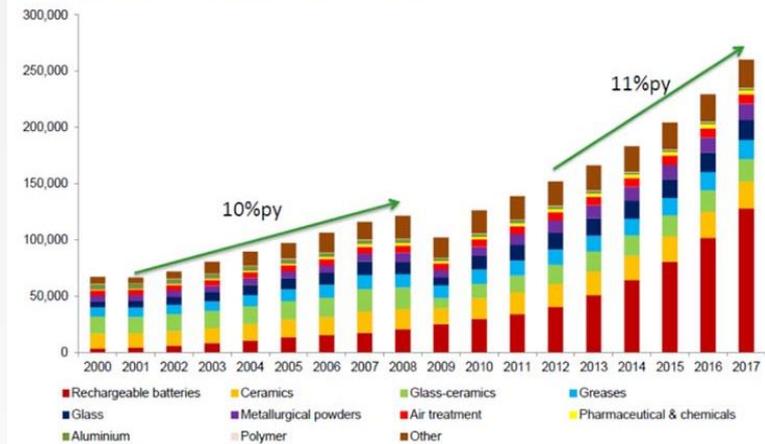
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Green power storage – a major market

Ardiden project's strategically located to key industry participants

- Demand for graphite and lithium across the globe is being driven upwards by green technology – lithium ion batteries used in electric car batteries, smart phones/ tablets and home and industrial storage
- California-based electric car manufacturer, Tesla, has recently launched a home storage battery – Powerwall
 - *Tesla's 2016 production of its lithium-based Powerwall sold out in August 2015*
- Tesla has said it will aim to source raw materials locally in North America to reduce its environmental footprint
- Manitowadge, Seymour Lake and Root Lake are located in close proximity to the large American and Asian markets, exciting potential opportunities for Ardiden

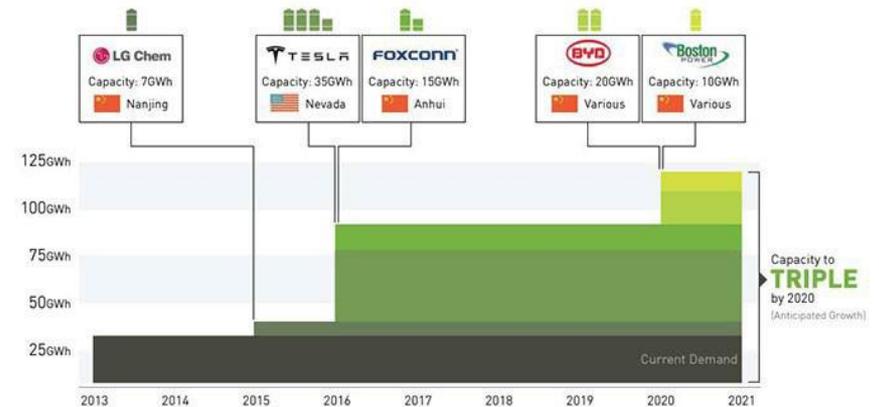
Exhibit 3: World Consumption of Lithium by End-Use



Source: Lithium Market Outlook 2017, Roskill Information

THE LITHIUM-ION BATTERY MEGAFABRIES ARE COMING

Production capacity of lithium-ion batteries is anticipated to more than triple by 2020



*Benchmark estimates, not all data disclosed by companies **Instant planned capacity stated for graphical purposes, slower ramp up expected

Ardiden's Next Steps

Active exploration and strong news flow planned for 2016

Seymour Lake and Root Lake Lithium-Beryllium-Tantalum Projects:

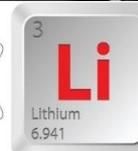
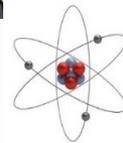
- Due diligence on each project during the 150-day option period to include detailed review of historical drilling data and further geological exploration potentially including surface sampling, soil surveys and further drilling.

Manitouwadge Graphite Project:

- Plan and complete a further drilling program at Silver Star North with the aim of delineating a maiden JORC Compliant resource and determining the extent and potential source of exceptionally high grades encountered in recent drill holes
- Undertake further metallurgical test work on drill core extracted from the recent drilling program
- Continue exploration of a number of untested EM anomalies (over 9km remains to be tested)
- Provision of graphite samples to potential customers and end users and commencement of negotiations for offtake

Corporate:

- Potential acquisition of further project areas/acreage with strong geological potential



Summary – Why Invest in Ardiden

An exciting new phase of growth

- Completion of due diligence on highly prospective new lithium projects
- Strong new asset portfolio focused on the supply of materials to the rapidly growing lithium-ion battery market
- Commodities with strong market fundamentals and growth outlook
- Projects located in Tier One mining jurisdictions, with great access and infrastructure and strong support from First Nations and Ontario Government
- Further results from drilling and metallurgical testwork from Manitouwadge throughout 2016
- Maiden JORC Resource for Silver Lake North at Manitouwadge later in 2016
- Strong upcoming news flow with near-term catalysts for share price growth
- Strong board and management team

Strategy to cost-effectively acquire and develop resource assets in Tier-1 jurisdictions to enhance shareholder value, focusing on commodities with a strong growth outlook...



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About Ardiden

The Seymour Lake Lithium Project (under option to acquire 100%) is located in Ontario, Canada. The project comprises 912 Ha of mining claims and has over 4,000m of historic drilling. Mineralisation is hosted in extensive outcropping spodumene-bearing pegmatite structures with widths up to 26.13m and grades of up to 2.386% Li₂O. In addition, tantalum and beryllium grades of up to 1,180 ppm (Ta₂O₅) and 1,270ppm (BeO) respectively were intersected.

The Root Lake Lithium Project (under option to acquire 100%) is located in Ontario, Canada. The project comprises 1,013 Ha of mining claims and has over 10,000m of historic drilling. Mineralisation is hosted in extensive outcropping spodumene-bearing pegmatite structures with widths up to 19m and grades of up to 5.10% Li₂O. In addition, tantalum grades of up to 380 ppm were intersected.

The 100%-owned Manitouwadge Jumbo Flake Graphite Project is located in Ontario, Canada. The Project area is 5,300 Ha and has a 20km strike length of EM anomalies with graphite prospectivity and is being subject to systematic exploration to determine areas that have potential to be a near-term development opportunity.

Metallurgical testwork has indicated that up to 80% of the graphite is high value jumbo or large flake graphite. Testwork has also indicated that simple, low-cost gravity and flotation beneficiation techniques can result in graphite purity levels of up to 96.8% for jumbo flake and 96.8% for large flake. Testing using the proven caustic bake process was able to produce ultra-high purity (>99.95%) graphite. The graphite can also be processed into high value expandable graphite and produces a high quality graphene and graphene oxide.

The information in this report has been reviewed by Mr Paul Nielsen who is a member of the Association of Professional Geoscientists of Ontario. Mr Nielsen has more than five years relevant exploration experience, and qualifies as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Nielsen consents to the inclusion of the information in this report in the form and context in which it appears.



Disclaimer

Competent Person Statement

The information in this presentation that relates to Exploration Results is based on information reviewed by Dr Dennis Arne who is a Registered Professional Geoscientist of the Australian Institute of Geoscientists, and a Professional Geoscientist registered in the provinces of British Columbia and Ontario, Canada. Dr Arne is a Principal Consultant to CSA Global, has a minimum of five years relevant exploration experience, and qualifies as a Competent Person as defined in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Dr. Arne consents to the inclusion of the information in this report in the form and context in which it appears.

The information in this presentation that relates to Exploration Results on the Manitouwadge Graphite, Seymour Lake and Root Lake projects is extracted from the reports entitled ASX Release “Drilling Underway at Seymour Lake Lithium Project, Canada” created 2 March 2016, ASX Release “Canadian Lithium Portfolio Expands Further with Acquisition of Advanced Root Lake Project” created 10 February 2016, ASX Release “Ardiden Secures Advanced Lithium Project in Canada” created 6 January 2016, ASX Release “Highly Successful Drilling Program Completed at Manitouwadge” created 5 January 2016, ASX Release “Excellent Metallurgical Test Results and Drilling Update” created 25 November 2015, ASX Release “Expandable Graphite Confirmed” 5 October 2015, ASX Release “Outstanding Test Results Confirm Ultra High Purity Graphite From Canadian Project”, created 2 July 2015, ASX Release “Promising Graphene Results from Ardiden’s Canadian Graphite Project” created 13 May 2015 and is available to view on www.ardiden.com.au The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. 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, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement 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 announcement.

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This announcement may contain some references to forecasts, estimates, assumptions and other forward-looking statements. Although the company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. All references to dollars (\$) and cents in this presentation are to Australian currency, unless otherwise stated.

Investors should make and rely upon their own enquires and assessments before deciding to acquire or deal in the Company’s securities.

