



ARDIDEN

NEW GRAPHITE EXPLORATION PROGRAMS COMMENCE AT MANITOUWADGE, CANADA

Structural interpretation and mapping to pave way for drilling; all data generated to be integrated into a maiden resource model

HIGHLIGHTS

- Ardiden's geological team is now on the ground at the Manitouwadge Flake Graphite Project in Ontario, Canada.
- The initial focus is to complete structural interpretation and mapping of the high grade zones at the Silver Star North and Silver Birch prospects.
- The results will be used to ground-truth the 2015 drilling results to identify extensions of the high grade graphite zones and define further targets ahead of the next phase of drilling. All data collected will be included in any future resource models.

Board of Directors

Mr Neil Hackett (Non-Executive Chairman)

Mr Brad Boyle (Executive Director)

Mr Piers Lewis (Non-Executive Director)

Dr Michelle Li (Non-Executive Director)

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ASX Code: ADV
Shares on Issue: 818M
Options: 21M
Cash at Bank: \$3.25M

Ardiden Limited (ASX: ADV) is pleased to advise that the next phase of exploration has commenced at its 100% owned **Manitouwadge Flake Graphite Project** in Ontario, Canada with its exploration team currently on the ground at the Silver Star North prospect conducting structural interpretation and mapping programs.

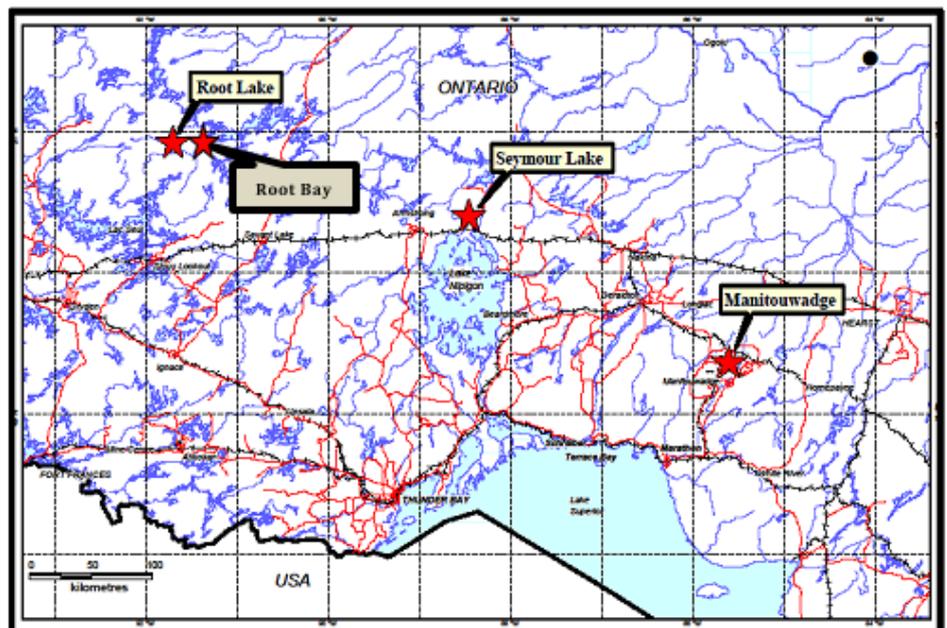


Figure 1. Location of Ardiden Projects (Root Lake Lithium, Seymour Lake Lithium, Manitouwadge Graphite) in Ontario, Canada. All projects are able to be serviced from Thunder Bay which is less than 100kms from the US border.

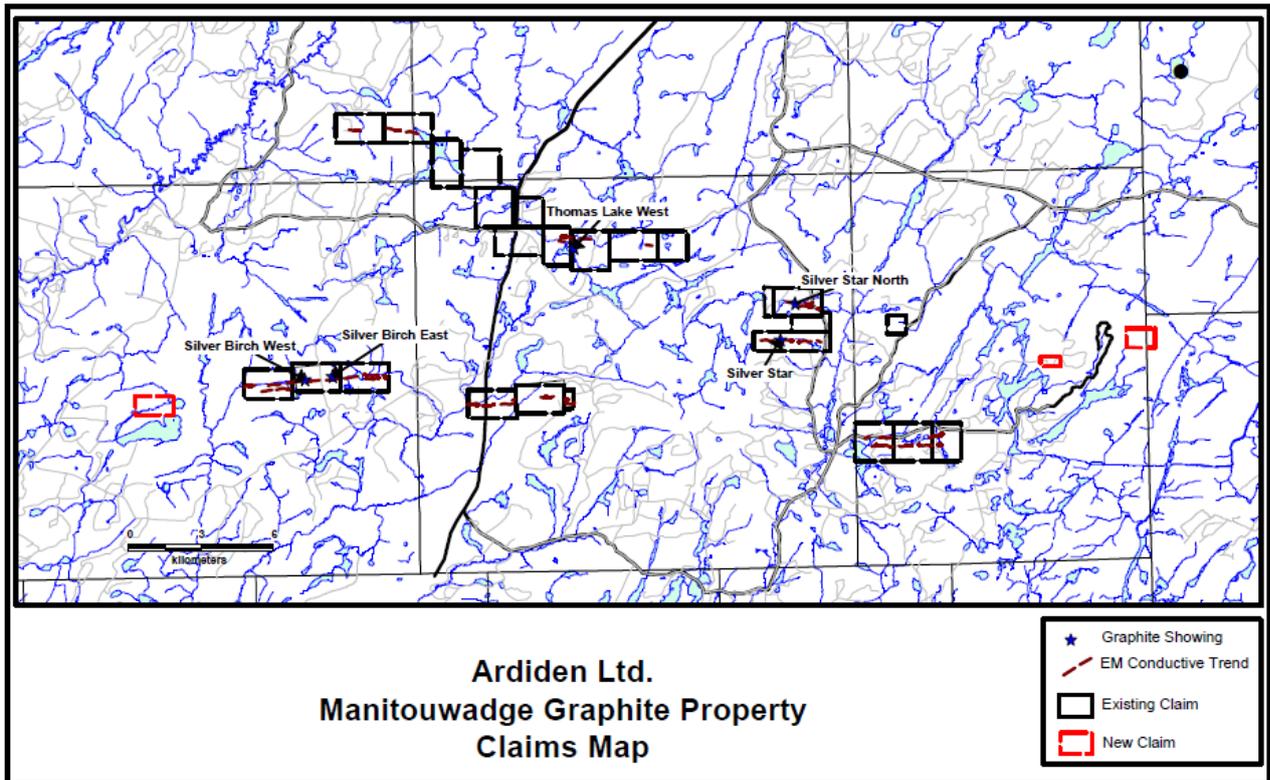


Figure 2. Claims map for Manitouwadge Graphite project, highlighting the Silver Birch and Silver Star North prospects.

Once the current phase of work has been completed at Silver Star North, the geological team will move across to commence a limited program of structural interpretation and exploration at the Silver Birch prospect.

Ardiden notes that the commencement of this phase of exploration program at the Manitouwadge project has been delayed this year due to the heavy work load associated with the due diligence, acquisition and development of the Company's two key lithium projects of Root Lake and Seymour Lake.

The initial focus of the current program at Manitouwadge is to undertake a full structural interpretation of the drill core with a specific focus on the continuity of the identified high tenor jumbo flake graphite zones at both the Silver Star North and Silver Birch prospects.

As announced by Aridden on 5 January 2016, the 2015 drilling program at the Silver Star North prospect consisted of 2,000m of diamond drilling which intersected numerous high grade graphite zones, returning grades of up to **14.19%** Total Graphite Carbon (TGC).

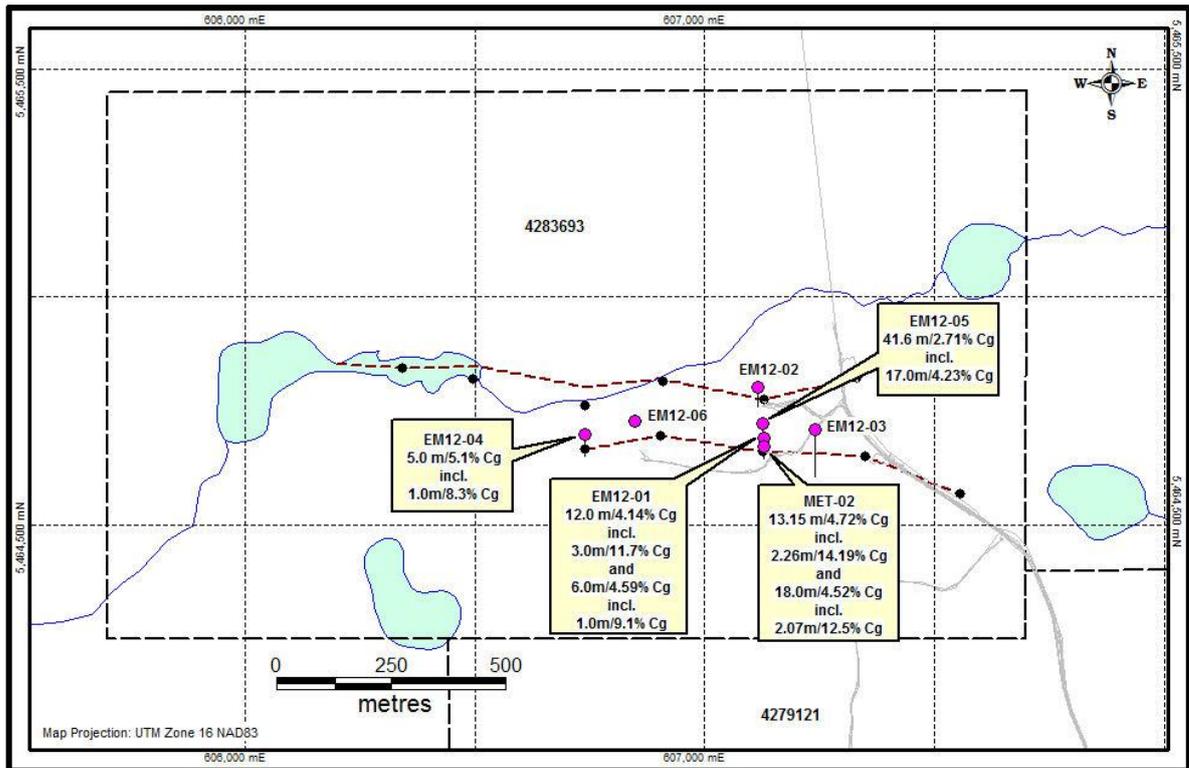


Figure 3. Silver Star North with drill holes and grades noted

A petrographic review of the drill core samples from the Silver Star North prospect also confirmed the high quality potential of the graphite zones.

This analysis confirmed the presence of jumbo (>300 microns) and super jumbo (>500 microns) graphite flakes with some flakes measuring up to 4,200 microns. The presence of these jumbo and super-jumbo graphite flakes at the project has the potential to attract a significant price premium compared with the more commonly found fine and medium flake graphite.

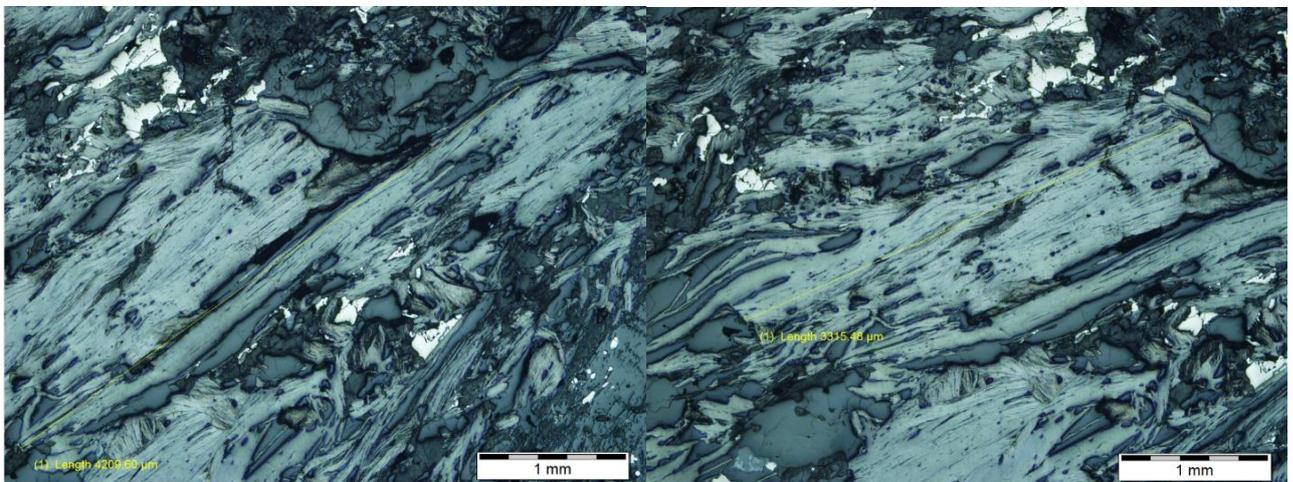


Figure 4: Petrographic slices from EM 12-05 – Flake size of 4,209 micron on left and 3,315 micron on right. Super jumbo graphite is defined as graphite with a flake size of >500 microns. (Source: Vancouver Petrographics, as announced to the ASX on 5 January 2016)



Figure 5: Graphite core from Ardiden drilling at Manitouwadge graphite project in Ontario, Canada (Hole EM 12-05 at Silver Star Prospect, as announced to the ASX on 5 January 2016)

Some of the high-grade graphite mineralisation zones intersected during the 2015 drilling program were identified some 50 metres below surface, which could reduce the potential to recover economic graphite ore.

The results obtained from this current exploration and review program will therefore assist Ardiden to structurally orientate the 2015 drilling core and to ground truth potential extensions of the high-grade graphite mineralisation zones located at or close to surface.

Finally, this program will also help Ardiden to further define and prepare additional drill-ready targets ahead of the next phase of drilling on the project. All data collected will be included in any future resource models.

Ardiden looks forward to providing further updates and results from this exploration programs as they come to hand.

-ENDS-

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About the Ardiden Ltd

The Seymour Lake Lithium Project (exercised 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 100%-owned Root Lake Lithium Project 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 Root Bay lithium project is strategically located approximately 5km to the east of the recently acquired Root Lake Lithium Project and consists of three claim areas, totalling 720 hectares. The project was staked by Ardiden as part of its regional exploration focus in and around the Root Bay spodumene-bearing pegmatite. Initial observations of the exposed pegmatite is characterized by coarse white albite, grey quartz and pale grey-green spodumene crystals up to 10cm long.

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, gravity and flotation beneficiation can produce graphite purity levels of up to 96.8% for jumbo flake and 96.8% for large flake. With the proven caustic bake process ultra-high purity (>99.95%) graphite can be produced. The graphite can also be processed into high value expandable graphite, high quality graphene and graphene oxide.

Competent Person's Statement

The information in this report that relates to exploration results for the Manitouwadge Graphite project is based on, and fairly represents, information and supporting geological information and documentation in this report has been reviewed by Mr Paul Nielsen who is a member of the Association of Professional Geoscientists of Ontario. Mr Nielsen is not a full-time employee of the Company. Mr Nielsen is employed as a Consultant Geologist. 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" (the JORC Code). Mr Nielsen consents to the inclusion of the information in this report in the form and context in which it appears.

The information in this report that relates to exploration results on the Manitouwadge Graphite project is extracted from the reports entitled ASX Release "Highly Successful Drilling Program Completed At Manitouwadge" created 5 January 2016, 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.

Forward Looking Statement

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.