

Ardiden Ltd: Corporate Presentation

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Perth - [Ardiden Ltd.](#) (ASX:ADV) is pleased to provide the Company's latest Corporate Presentation.

A multi pronged strategy for growth...

- LITHIUM - Seymour Lake, Wisa Lake, Root Lake & Root Bay Lithium Projects
- COBALT, NICKEL AND COPPER - Bold Properties
- GRAPHITE - Manitouwadge Flake Graphite Project

SOLID FUNDAMENTALS

- A multi-pronged strategy (Lithium, Cobalt, Nickel and Copper and Graphite) for growth in energy metals (EV and Energy Storage)
- Excellent exploration and drilling results, to underpin maiden JORC Lithium and Graphite resources
- Ontario is an established Tier-1 mining district, with proactive development policies and support
- World class infrastructure (road, rail, power, phone and port facilities) and direct access to rapidly, expanding American & Asian - EV and Energy Storage markets
- All year access to project locations
- Experienced Board, management and technical teams
- Strong provincial support from Ministry of Northern Development and Mines
- Established and good relationships with local first nations groups
- JORC Resource drilling program underway at Seymour Lake
- On-going discussions and site visits with multiple potential strategic and off-take partners

POSITIVE METALLURGICAL RESULTS

TESTWORK SUPPORT PROJECT'S COMMERCIAL POTENTIAL...

- Initial and subsequent Heavy Liquid Separation (HLS) testwork on Seymour Lake spodumene returns excellent results, readily produces high grade lithium concentrate up to 7.73% Li₂O.
- Preliminary mineralogy tests show spodumene particles are well liberated at relatively coarse size.
- Production of the lithium concentrate at such a high grade well over the industry standard of 6% Li₂O, as required by most lithium end-users.
- These preliminary testwork results are very encouraging and once again confirm the high quality of the Seymour Lake spodumene.
- Results to date bode well for future Lithium recovery.
- Initial results indicate that there appears to be minimal gangue minerals in the concentrate, with Fe₂O₃ and TiO₂ of 1.03% and 0.03% respectively.
- Further testwork will determine recovery rates, sizing and work is ongoing to develop a suitable processing flowsheet.

OUTSTANDING GRAPHENE AND EXPANDABLE POTENTIAL

A 'WONDER MATERIAL' WITH ALMOST UNLIMITED APPLICATIONS

- Successful test work 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:
 - o 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

To view the full presentation, please visit:
<http://abnnewswire.net/lnk/89C82PD2>

About Ardiden Ltd:

[Ardiden Ltd.](#) (ASX:ADV) is an emerging international strategic metals company which is focused on the exploration, evaluation and development of two 100 per cent owned projects located in the established mining jurisdiction of Ontario, Canada.

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