ON THE ROAD TO CANADIAN LITHIUM PRODUCTION - MAIDEN MINERAL RESOURCE

Corporate Presentation December 2023
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The Company wishes to remind investors that the presence of spodumene crystals within pegmatite does not necessarily equate to lithium mineralisation until confirmed by chemical assay. It is not possible to estimate the percentage of lithium mineralisation by visual estimates and this will be determined by the laboratory results which will be reported in full in a future report.

The exploration results and exploration targets referred to in this presentation were first announced in the ASX announcements referred to throughout the presentation (Previous Announcement). Winsome is not aware of any new information in respect to these exploration results and exploration targets and full details with respect to these are included in the applicable Previous Announcement.

CAUTION REGARDING FORWARD-LOOKING INFORMATION

This presentation contains forward-looking statements concerning Winsome. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company’s actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company.

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Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory, including environmental regulation and liability and potential title disputes.

Forward-looking statements in this presentation are based on the Company’s beliefs, opinions and estimates of Winsome as of the dates the forward-looking statements are made, and no obligation is assumed to update forward-looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

MINERAL RESOURCE ESTIMATE

The information in this presentation relates to the mineral resource estimate for the Adina Lithium Project as reported in an announcement dated 11 December 2023. The Company confirms it is not aware of any new information or data which materially affects the information included in the original market announcement and all material assumptions and technical parameters underpinning the mineral resource estimate in the above announcement continue to apply and have not materially changed.

COMPETENT PERSONS STATEMENT

The information in this presentation which relates to Exploration Results, Sampling Techniques, and Data Quality underpinning the Mineral Resource is based on, and fairly represents, information and supporting documentation prepared by Mr Antoine Fournier, VP Exploration of Winsome Resources Ltd. Mr Fournier is a member of the Quebec Order of Geologists (OGQ #0516), a Registered Overseas Professional Organisation as defined in the ASX Listing Rules. The information in this presentation which relates to the Estimation and Reporting of Mineral Resources is based on information, and fairly represents, information and supporting documentation prepared by Mr Kerry Griffin. Mr Griffin is a consultant to the Company and a Member of the Australian Institute of Geoscientists. Mr Fournier and Mr Griffin have sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Fournier and Mr Griffin consent to the inclusion in this presentation of the matters based on the information in the form and context in which they appear. Winsome Resources is not aware of any new information or data which materially affects the information included in the original market announcement. Winsome confirms the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.
COMPANY OVERVIEW

>>> Well positioned to integrate into North American EV supply chain

Quality Resource
59mt at 1.12% Li₂O Maiden MRE that is open along 3.1km strike and at depth. Resource upgrade expected H1 2024

Infrastructure
50km from all-weather road and 100% owned logistics base

Low Cost
Potential to access Canada’s hydro-power energy for DMS processing

Tier 1 Jurisdiction
Established mining jurisdiction is low risk, with supportive government

Adina is a globally significant Hard Rock Spodumene Lithium Project,
- Top 5 in North America
- Top 20 Globally

>>> Winsome Resources Limited (ASX: WR1) (11 Dec 2023)

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<td>Market Cap ($1.08)</td>
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<td>Issued Capital</td>
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<td>Enterprise Value</td>
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Broker Coverage <<<

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## Achieving Key Milestones

### >>> Delivering on Objectives and Shareholder Value

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<th>Event</th>
<th>Details</th>
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<td><strong>LISTED ON ASX</strong></td>
<td>Initial Public Offering (IPO)</td>
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<td><strong>ADINA DISCOVERY</strong></td>
<td>107m @ 1.34% from 2.3m</td>
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<tr>
<td><strong>SECURED FUNDING</strong></td>
<td>$60m in cash (post $34m raise Oct-23)</td>
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<tr>
<td><strong>MAIDEN MINERAL RESOURCE</strong></td>
<td>59mt @ 1.12% at Adina - Top 5 in North America</td>
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<tr>
<td><strong>NOV 2021</strong></td>
<td><strong>OCT 2022</strong></td>
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<tr>
<td><strong>OCT 2023</strong></td>
<td><strong>DEC 2023</strong></td>
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- +50,000m drilling at Adina (27,625m for Maiden MRE)

### >>> Adina Lithium Project Pathway to Production

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<th>Details</th>
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<td><strong>MRE UPGRADE</strong></td>
<td>5 drill rigs currently operating into 2024</td>
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<tr>
<td><strong>GROWTH DRILLING</strong></td>
<td>Resource and Extensio</td>
</tr>
<tr>
<td><strong>PROJECT STUDIES</strong></td>
<td>Permits, Metallurgy, Engineering</td>
</tr>
<tr>
<td><strong>H1 2024</strong></td>
<td><strong>2024</strong></td>
</tr>
<tr>
<td><strong>2H 2024</strong></td>
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- +50,000m Adina drilling
Tier 1 world class spodumene pegmatite: size, grade and metallurgy

Based on 93 core holes and a total of 27,625 m drilled

Single, continuous principal pegmatite body ranging in true thickness from 40m to 80m extending over a strike length of 1,340m

Does not include any of the known pegmatite bodies along strike to the east and west which could increase strike length beyond 3,100km

Globally Significant Maiden Mineral Resource of 59mt @ 1.12% Li₂O for 1.6mt LCE

Figure 1. Long Section of Main Zone showing conceptual pegmatite model showing strike extent of systematic drilling and extensions to mineralisation defined to the east.

Figure 2. Oblique view looking SW of drilling at Adina Main used in Mineral Resource and interpreted pegmatite bodies.
Globally Significant Maiden Mineral Resource of 59mt @ 1.12% Li₂O for 1.6mt LCE

Current Strike Main Zone = 1340m

Lithium mineralisation intersected in drilling (3.1km)
ADINA – PATHWAY TO EXPANSION

>>> Multiple Untested Targets for Further Expansion in 2024

Proximal Gravity Targets

Figure 1.4 Ground gravity data from Adina showing pegmatite bodies and gravity targets

Figure 1.5 Aeromagnetic image of Adina Project showing gravity targets and Jackpot claims

Sources:
- Option for Strategic Acquisition expands Adina Project to 44km² - ASX Announcement 8 June 2023
- New targets at Adina from gravity survey - ASX Announcement 29 August 2023
>>> One of the Largest Hard Rock Spodumene Mineral Resources in North America

<table>
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<tr>
<th>Location</th>
<th>Total Resource (Mt)</th>
<th>Li2O Grade (%)</th>
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<tr>
<td>Corvette</td>
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</tr>
<tr>
<td>Kings Mountain</td>
<td>2.8</td>
<td>1.5%</td>
</tr>
<tr>
<td>Moblan</td>
<td>2.0</td>
<td>1.3%</td>
</tr>
<tr>
<td>NAL</td>
<td>1.8</td>
<td>1.1%</td>
</tr>
<tr>
<td>PAK</td>
<td>2.2</td>
<td>0.9%</td>
</tr>
<tr>
<td>Adina Lithium</td>
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</tr>
<tr>
<td>Rose</td>
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Note: Data sourced through December 2024 from corporate disclosures of NI 43-101, JORC or equivalent regulatory body. Deposit data presented includes the total resource tonnage. Adina Mineral Resource of 59Mt at 1.12% Li₂O has a cut-off of 0.6% Li₂O with effective date 11 December 2023. Mineral resources are not mineral reserves as they do not have demonstrated economic viability.
North American Lithium Landscape

Theme Evidenced By

1. Global peers at various stages in the EV supply chain are prepared to make early-stage investments

2. American, Korean, Japanese, and European companies have significant capital plans in Quebec and need to secure concentrate

3. OEM and precursor material companies are providing attractive arrangement including financing in exchange for product

4. Market is supportive of juniors pursuing downstream integration with credentialed partners

5. Significant acquisition activity, involving parties building up to 19.9% stakes with a view to secure supply
ADINALITHIUM PROJECT - PROJECT STUDIES

>>> Infrastructure Advantages

- Logistics Base
  Located on Trans-Taiga Road, houses up to 60 people and runs on hydro power

- All Weather Road
  50km from all-weather road and 100% owned logistics base

- Hydro-Power
  80km from site with potential to provide green energy

- Rail and Port
  400km from CN rail line with direct connections to Port of Saguenay

>>> Metallurgical Test Work and Dense Media Separation

- Consistent mineralogy observed in logging and assaying Main & Footwall Zones
- Test Work indicated +5.5% Li$_2$O spodumene concentrate at 80% recovery$^1$
- Large / coarse grained spodumene crystals, liberate effectively using DMS, means capital efficiency, reduced OPEX and offers environmental gains.

  $^1$: “Exceptional Results From Metallurgical Testing At Cancet And Adina Lithium Projects” ASX Announcement 1 June 2022

>>> Canadian Permitting and Project Approvals

- Federal and Provincial authorisation initiatives have commenced including:
  - Environmental monitoring & studies to capture data over multiple seasons
  - Project descriptions parameters for permitting
  - Early engagement with government, local communities & First Nation groups
Winsome has seen a rise in its share price since listing in November 2021, as the Company continues to focus on steady and sustainable growth.

- Winsome operations have ability to access to Québec’s extensive hydropower network - providing 99.8% of all energy requirements.

- Collaborative approach with the Québec Government and First Nations communities. The Cree people are traditional landowners.

- Successfully accessed Québec Government’s flow-through funding.

- Enhanced leadership - Board and Senior Management appointments including VP Sustainability & Regulatory Affairs and VP Exploration in Quebec.

- Board and management teams enhanced - key strategic appointments of proven lithium experts of both technical, corporate and commercial.

- Proactive local community support in the wake of recent Canadian wildfires - donations to families that have had to evacuate.
Mr. Caumartin holds a Bachelor of Science in Geological Engineering, as well as an MBA and is a Québec native with more than 30 years’ international experience as a mining executive and consultant. Mr. Caumartin has worked across projects focused on lithium, gold and numerous other commodities in Canada, Africa, Asia, and South America.

Dr Genevieve Morinville has been appointed VP Sustainability and Regulatory Affairs, bringing close to two decades experience working in the ESG space as both a consultant and manager on Canadian and international projects.

Mr. Antoine Fournier has been appointed VP Exploration, bringing a wealth of experience as an exploration geologist who most recently worked as principal geoscientist for SOQUEM, the Québec Government’s mineral exploration and development arm of Investissement Québec.

Mr. Iacopetta was the Former Core Lithium (ASX: CXO) Chief Financial Officer and has more than 20 years of corporate, commercial and financial management experience mostly in an executive capacity in the resources sector including Chief Financial Officer of gold producer Ramelius Resources (ASX: RMS). Mr. Iacopetta holds a Bachelor of Commerce and is a Chartered Accountant.

Peter Youd is a senior finance executive with more than 30 years’ experience predominantly across the mining, oil and gas sectors in Australia and overseas. During his career he has held senior executive positions with First Graphene Limited, Ausdrill Limited (now Perenti Global Limited) and Weatherford Compression Services.

>>> Experienced Board and Management

PROVEN TEAM WITH HARD ROCK LITHIUM EXPERIENCE

Stephen Biggins
NON-EXECUTIVE CHAIRMAN

Mr. Biggins was until recently Managing Director of Core Lithium (ASX: CXO), a position that he held for over 10 years, during which time he led the company through the acquisition, discovery, permitting, financing, offtake and most recently production from the first lithium mine in the Northern Territory, one of the highest-grade lithium resources in Australia.

Mr. Biggins has applied his Honours Degree in Geology and MBA as the founding Managing Director of several ASX-listed companies. Mr. Biggins has built prospective portfolios of lithium, gold, uranium and base metal exploration projects in Australia, Asia and Africa.

Chris Evans
MANAGING DIRECTOR

Mr. Evans has a strong Lithium background with close to 20 years demonstrated success in managing large-scale construction and mining development projects and operations across various commodities.

Mr. Evans holds a Master of Engineering Science, Construction Management, a Bachelor of Engineering (Hons), Civil and is a Graduate of the Australian Institute of Company Directors.

Dr Qingtao Zeng
NON-EXECUTIVE DIRECTOR

Dr. Zeng completed a PhD in geology at the University of Western Australia in 2019. He has been extensively involved in the lithium exploration and development sector and has helped clients complete a range of contracts relating to the supply or purchase of lithium. He is currently Managing Director of Australasian Metals Ltd and a Non-Executive Director of Oceana Lithium Ltd.

Justin Boylson
NON-EXECUTIVE DIRECTOR

Mr. Boylson is an experienced commodity trader and resource project manager with over 25 years’ experience. He has been responsible for several high profile offtake transactions and has been involved in the start-up of several mining and recovery projects in Australia, the USA and Asia. He is Chairman of Mamba Exploration Ltd and Stockton Mining Ltd.

Carl Caumartin
GENERAL MANAGER - CANADA

Mr. Caumartin holds a Bachelor of Science in Geological Engineering, as well as an MBA and is a Québec native with more than 30 years’ international experience as a mining executive and consultant. Mr. Caumartin has worked across projects focused on lithium, gold and numerous other commodities in Canada, Africa, Asia, and South America.

Dr. Genevieve Morinville has been appointed VP Sustainability and Regulatory Affairs, bringing close to two decades experience working in the ESG space as both a consultant and manager on Canadian and international projects.

Antoine Fournier
VP EXPLORATION

Mr. Antoine Fournier has been appointed VP Exploration, bringing a wealth of experience as an exploration geologist who most recently worked as principal geoscientist for SOQUEM, the Québec Government’s mineral exploration and development arm of Investissement Québec.

Simon Iacopetta
CHIEF DEVELOPMENT OFFICER

Mr. Iacopetta was the Former Core Lithium (ASX: CXO) Chief Financial Officer and has more than 20 years of corporate, commercial and financial management experience mostly in an executive capacity in the resources sector including Chief Financial Officer of gold producer Ramelius Resources (ASX: RMS). Mr. Iacopetta holds a Bachelor of Commerce and is a Chartered Accountant.

Peter Youd
CFO & COMPANY SECRETARY

Peter is a senior finance executive with more than 30 years’ experience predominantly across the mining, oil and gas sectors in Australia and overseas. During his career he has held senior executive positions with First Graphene Limited, Ausdrill Limited (now Perenti Global Limited) and Weatherford Compression Services.
INVESTMENT HIGHLIGHTS AND OUTLOOK

>>> Near Term Catalysts

- +25,000m of drilling with assays pending from diamond drilling program currently underway at Adina to Dec-23
- Mineral Resource Upgrade in H1 2024
- Feasibility studies advancing in 2024 with studies due H2 2024

>>> Growth

- Inorganic Growth - Positioned to take advantage of value accretive opportunities
- Organic Growth - Pipeline of high-quality hard rock lithium projects being explored and developed

>>> ESG and Stakeholder Focus

- Disciplined approach to capital management and maintaining a strong balance sheet
- Advancing approvals and engaging with communities and First Nations
- Formalising ESG roadmap and framework

>>> High Impact Exploration

- 5 drill rigs currently operating at Adina
- Investment in exploration with +50,000m of drilling in 2024
MRE Sensitivity Analysis

Cut-off grade sensitivity analysis defines high-grade and large tonnage at high cut-off grade, excellent grade with significant tonnage at low cut-off.

Maiden MRE

58.5Mt at 1.12% Li₂O classified in the Inferred category

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<th>Cut Off Grade</th>
<th>Classification</th>
<th>Tonnes (Mt)</th>
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