



Growing a significant lithium presence in
James Bay, Canada

Recharge Metals

A multi-project explorer commencing
maiden exploration of outcropping pegmatites
in the heart of the James Bay Lithium Region, Québec, Canada

ASX:REC

June 2023

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Competent Persons Statement: The information in this presentation that relates to Exploration Results is based on information compiled or reviewed by Ms Felicity Repacholi-Muir, a Competent Person who is an employee of the company. Ms Repacholi-Muir is a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Repacholi-Muir consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the Exploration Results information included in this presentation from the previous Company announcement announced to the ASX on 15 March 2023, 18 May 2023 and 14 June 2023.

Authorisation: This presentation is authorised for market release by Recharge's Managing Director, Ms Felicity Repacholi-Muir.

All currency amounts are in Australian dollars unless specified otherwise.

Investment Summary



Large strategic land holding in the heart of the prolific **James Bay Region, Quebec, Canada** which is emerging as a **world-class lithium province**



Numerous **untested outcropping pegmatites** in a region historically underexplored for lithium mineralisation



DG Resource Management vended Recharge's Express project, and hold ~16% of the register

Dahrouge Consulting engaged as in-country consultant for technical and geological expertise and exploration oversight



Aggressive **exploration** campaign to commence immediately



Fully funded to undertake concurrent exploration programs at Express and Wapistan

Corporate Snapshot



Capital Structure (as at 20/06/2023¹)

ASX Code

Ordinary Shares on Issue

Unlisted Options and Performance Rights

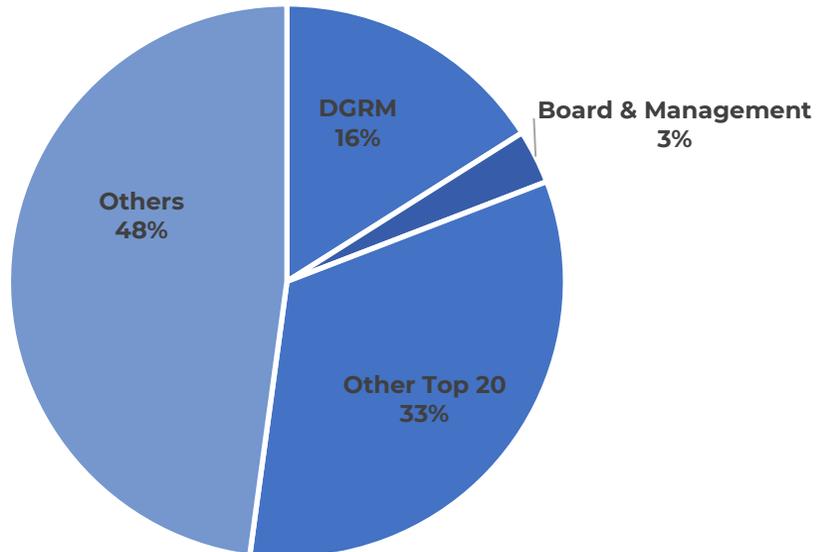
Market Cap

REC

111,351,974

44,799,500

~\$33M



Notes:

Capital structure table prepared on an indicative basis and assumes that the acquisition of the Wapistan Lithium Project completes on the terms set out in the Company's ASX announcement released 14 June 2023.



Felicity Repacholi-Muir
Managing Director



Simon Andrew
Non Executive Chairman



Amanda Burgess
Non Executive Director
& Company Secretary



**Dahrouge Geological
Consulting Ltd**
Geological Consultants

Strong macro: Commodity Tailwinds, Policy Support and Regional M&A



BENCHMARK SOURCE



\$514bn
INVESTMENT REQUIRED
BY 2030

**Financing the battery arms race:
the \$514 billion cost of bridging
the global EV supply chain divide**

19th June 2023 5 min read

[Batteries](#) [Critical Minerals](#) [ESS](#) [EV](#)

Globally, the battery industry needs to invest at least \$514 billion across the whole supply chain to meet expected demand in 2030, and \$920 billion by 2035, according to a new analysis by Benchmark.

Demand for lithium ion batteries is forecast to grow to 3.7 terawatt-hours by 2030, up from around 1 TWh this year. Most of this growth is driven by an ever increasing demand for electric vehicles.

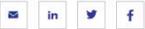
Producing the critical raw materials will require \$220 billion (43% of the total), with nickel and lithium accounting for over half of that. Manufacturing the additional 2.7 TWh of batteries needed by 2030 will require \$201 billion and the midstream production of battery materials will take the remaining \$93 billion.

Mining Technology

News | December 12, 2022

Canada unveils \$2.78bn critical minerals strategy

The strategy aims to boost production and processing of the critical minerals, including lithium, nickel and cobalt, among others.



Canada has the production capacity of 60 minerals and metals at 200 mines, and 6,500 sand, gravel and stone quarries. Credit: Stefan Schwehofer from Pixabay.

Canada has announced [Critical Minerals Strategy as part of its efforts](#) to become a global supplier for critical minerals and clean digital technologies.

The strategy aims to boost the production and processing of the [country's 31 critical minerals](#), which include lithium, nickel, cobalt, graphite and zinc, among others, [reported Reuters](#).

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Mining News

Midland options several lithium properties in Quebec to Rio Tinto for up to \$65.5M in expenditures and other payments

Vladimir Basov
Wednesday June 14, 2023 17:40

Kitco News

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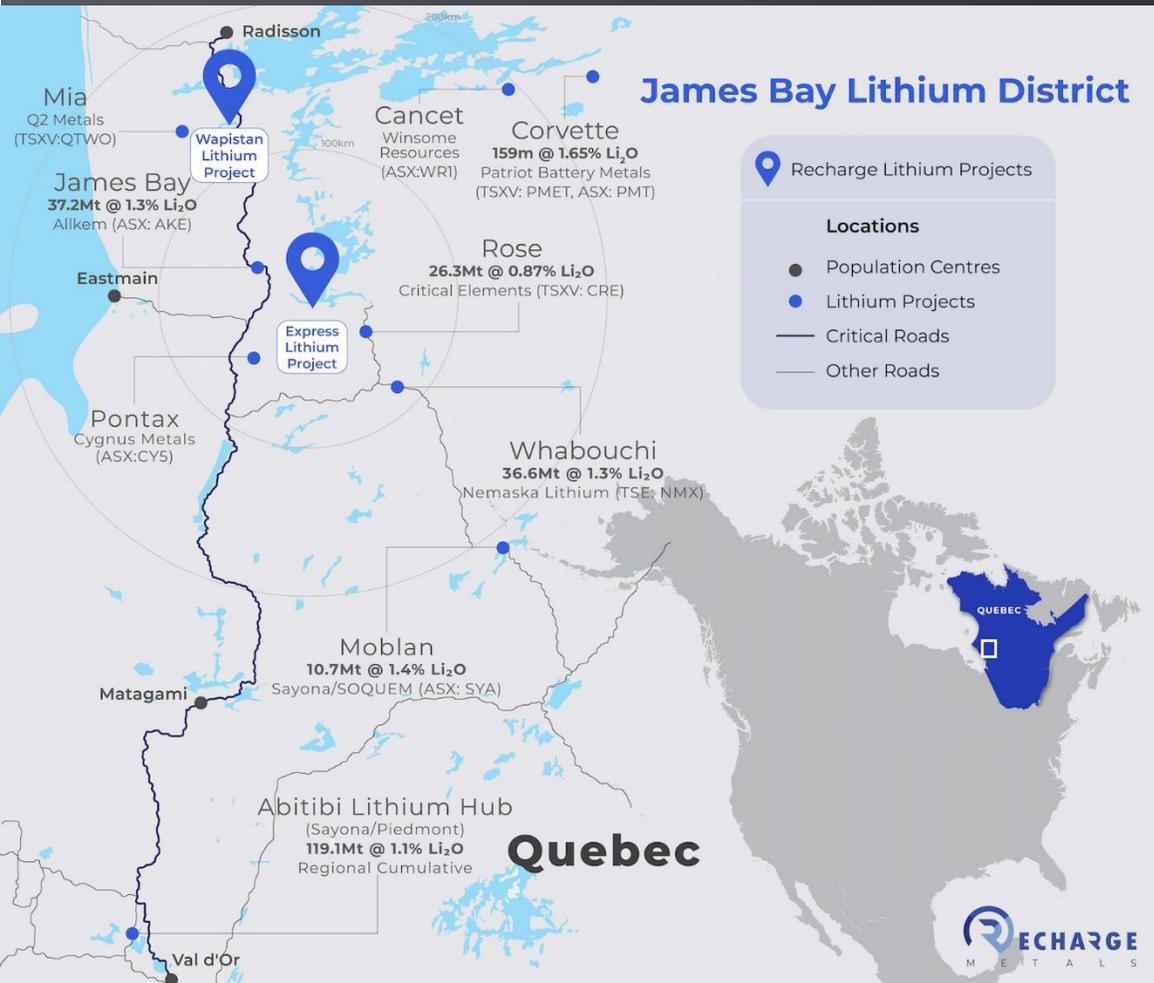
(Kitco News) - Midland Exploration (TSX-V: MD) today announced the execution of a new option agreement on June 13, 2023 with Rio Tinto Exploration Canada (Rio Tinto) for several projects in the James Bay region showing strong lithium potential.



The company said that the option agreement encompasses ten properties totalling 2,009 claims and covering a surface area of more than 1,000 square kilometers, including Mythril-Corvette, Mythril-East, Mythril-Chisaayuu, Galinee, Moria, Shire, Komo, Warp, Sulu, and Picard properties.

The signing of the option agreement follows the recent identification by Midland of several new exploration targets for lithium on the properties, including three new projects that were recently acquired by map designation as a result of Midland's in-house analysis of lake bottom sediment data.

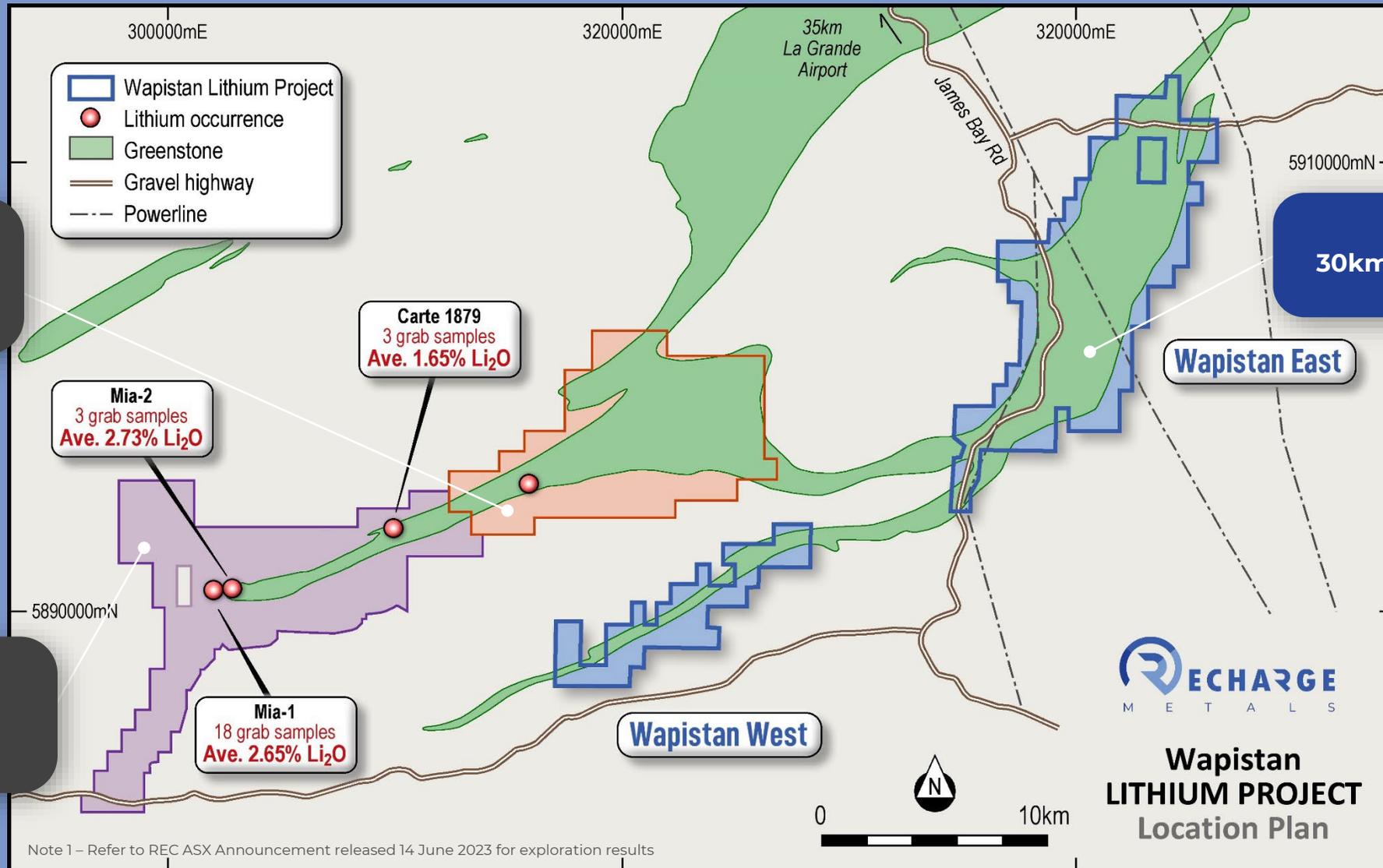
James Bay: Emerging, world-class lithium province



- Express Lithium Project, and recently acquired Wapistan Lithium Project both located in the heart of James Bay Region in Québec, Canada
- James Bay Region emerging as a world-class lithium-cesium-tantalum (LCT) pegmatite province
- Recent discoveries include Patriot Battery Metals' Corvette Property (TSX-V: PMET, ASX: PMT) and Winsome Resources Limited (ASX: WRI) Cancet Project.
- **Express Lithium Project** surrounded by world-class lithium projects, including:
 - Allkem (ASX: AKE) with 37.2Mt @ 1.3% Li₂O at James Bay
 - Nemaska (TSE: NMX) with 36.6Mt @ 1.3% Li₂O at Whabouchi
 - 15km NE from Cygnus Metals (ASX: CY5) advanced exploration Pontax Project
 - Exploration success at Anatacau West, Brunswick Exploration (TSXV: BRW)
- **Wapistan Lithium Project** in emerging Yasinski Greenstone Belt with quality neighbours
 - Q2 Metals exploring Mia Project
 - Ophir Gold exploring Radis Project

Notes: James Bay Probable Ore Reserve of 37.2Mt @ 1.3% Li₂O, See Allkem (ASX: AKE) ASX Feasibility Study announcement released 21 December 2021; Whabouchi Mineral Reserve reported in accordance with NI 43-101, comprising Proven Mineral Reserve 19.0Mt @ 1.41% and 17.6Mt @ 1.19% Li₂O Probable Mineral Reserve, See Nemaska Lithium Inc. (TSE: NMX) Updated NI 43-101 Technical Report dated 9 August 2019 (available for download at www.sedar.com); Abitibi Lithium Hub, Mineral Resource of the North America Lithium (NAL) and Authier Projects, comprising 7.5Mt Measured, 80.3Mt Indicated and 31.2Mt Inferred Mineral Resources, See Sayona Mining (ASX: SYA) Investor Presentation released 27 May 2022; Rose Ore Reserve, See Critical Elements Lithium Corp (TSX-V) announcement dated 13 June 2022; Moblan Ore Reserve comprising 4.6Mt @ 1.57% Li₂O Proven Ore Reserve and 6.1Mt @ 1.27% Li₂O Probable Ore Reserve, See Sayona Mining (ASX: SYA) Investor Presentation released 27 May 2022; Corvette Intercept, See Patriot Battery Metals (TSX-V: PMET, ASX: PMT) ASX announcement released 19 January 2023

Wapistan Lithium Project QTWO and OPHR getting busy on the ground



Radis Project
Ophir Gold
(TSX-V: OPHR)

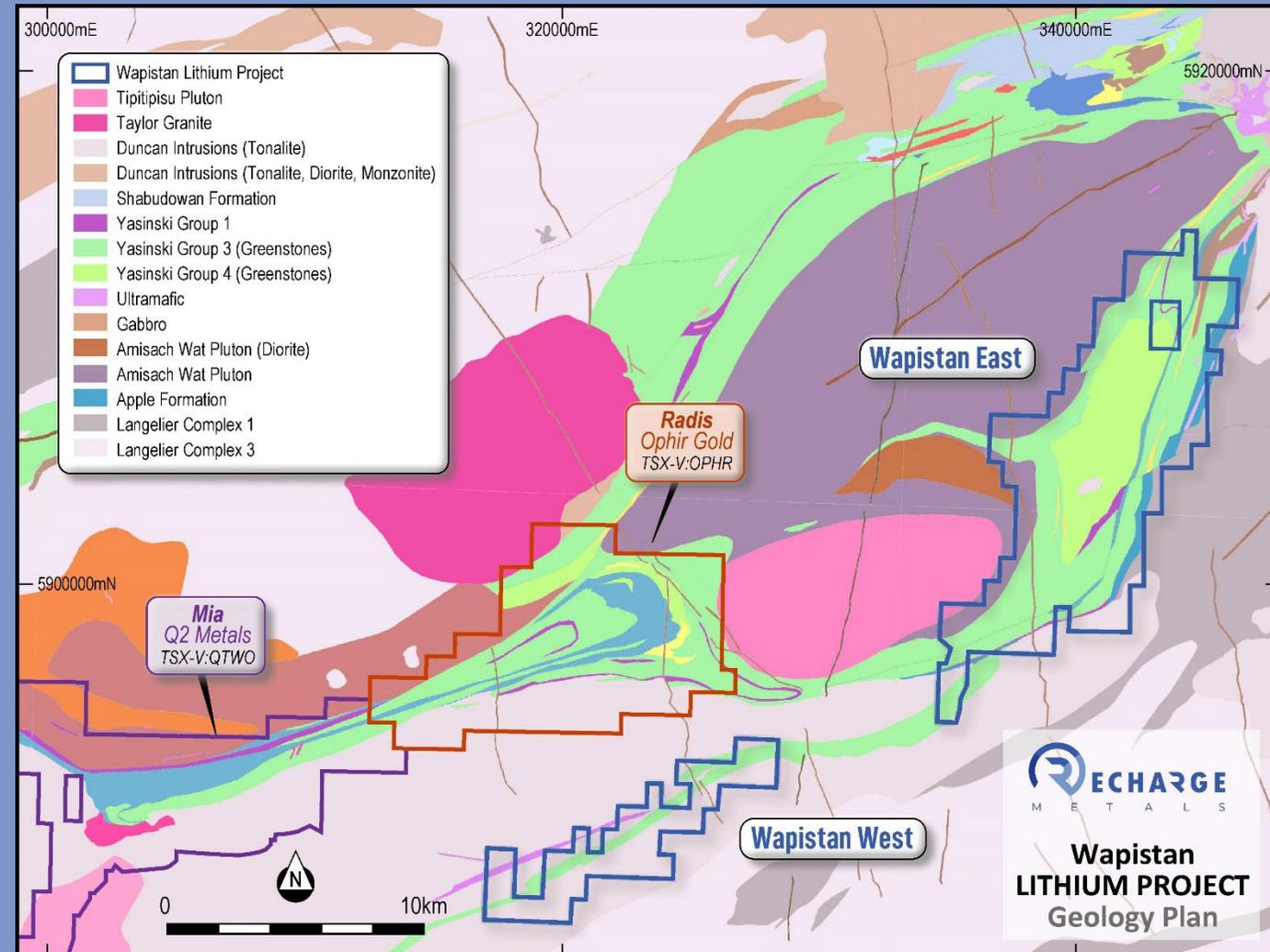
Mia Project
Q2 Metals
(TSX-V: QTWO)

Wapistan Lithium Project

Lithium bearing Yasinski Greenstone Belt



- Large-scale, 107km² project over two claim areas
- Located just 10km east of Q2 Metals Mia Lithium Project (TSX-V: QTWO) and Ophir Gold's Radis Lithium Project (TSX-V: OPHR)
- Overlying 30km of the same greenstone belts which host lithium mineralisation at Mia and Radis
- Mia hosted by the spodumene-bearing Vieux Comptoir-3 granitic unit which is the mapped rock type as Corvette
- Highly regarded Dahrouge Geological Consulting on ground at Q2 and Ophir, with the same field teams to complete work at Wapistan
- Well located - State Route 109 (James Bay Rd) and Hydro Quebec powerlines run through the project, 40km from regional airport, accommodation nearby



Note 1 – Refer to REC ASX Announcement released 14 June 2023 for exploration results

Express Lithium Project: Highly prospective for lithium mineralisation



- 139 mineral claims over 2 contiguous claim blocks covering significant 74km² project area
- The Express Lithium Project is located
 - 12km SE of Allkem's (ASX: AKE) James Bay Deposit
 - 15km NE of Cygnus Metals' (ASX: CY5) Pontax Project
- Main claim block underlain by "muscovite and tourmaline bearing pegmatite" with enclaves of pegmatite
- Smaller claim block underlain by Chambois Greenstone Belt
- Never explored for lithium
- High-priority pegmatites identified along trend from government mapping; termed the "Spodumene Suite" by Quebec's MERN
- Outcrops evident from satellite imagery

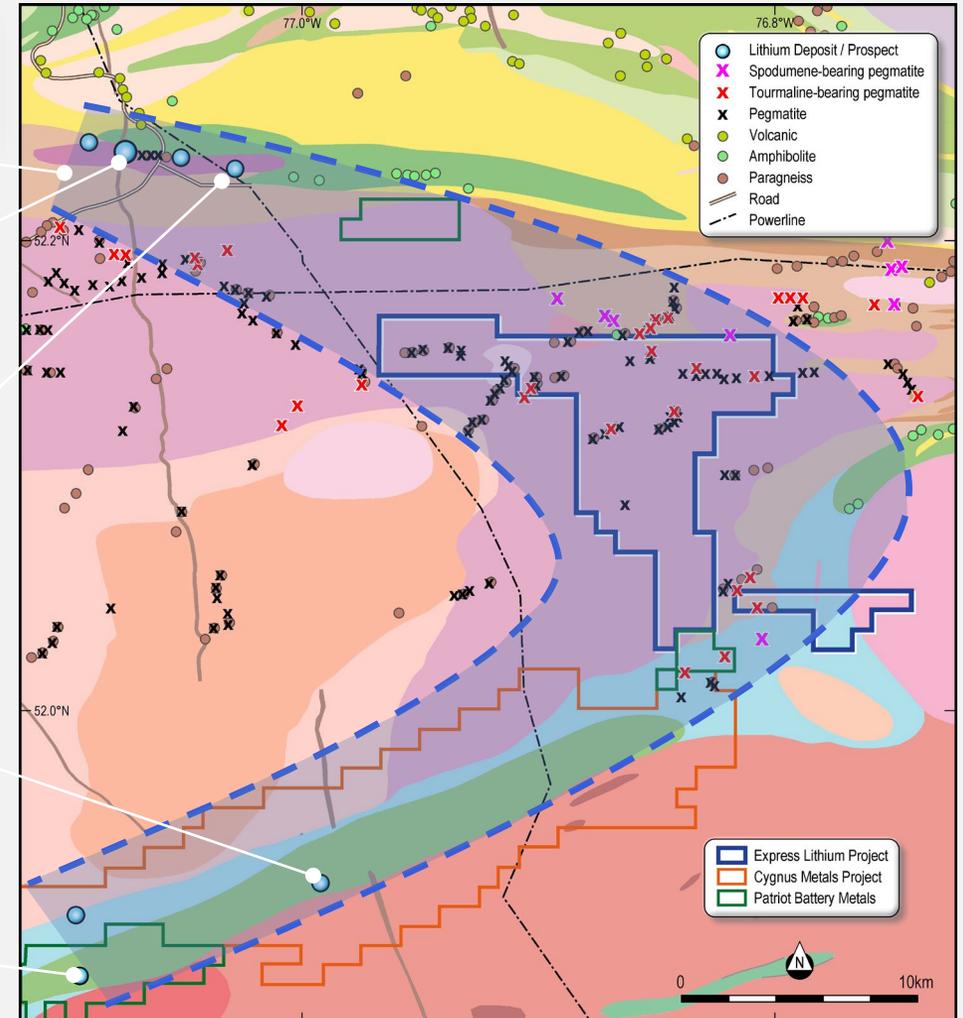
SPODUMENE-BEARING PEGMATITE TREND

James Bay Lithium Deposit
37.2Mt @ 1.3% Li₂O
Allkem (ASX: AKE)

**Anatacau West Project
Brunswick Exploration**
(TSXV: BRW)

**Pontax Project
Cygnus Metals**
(ASX: CY5)

**Pontax Project
Patriot Battery Metals**
(TSXV: PMET,
ASX:PMT)



Express Lithium Project

Under-explored, known outcropping pegmatites



- To the north, the trend of pegmatites intrusions at the James Bay (ASX:AKE) deposit are generally WNW to ESE
- To the south, the bedrock and pegmatite intrusions within the Chambois GB are generally SW to NE trending
- The two trends appear converge circa the Express Lithium Project
- Geophysical data and satellite data has identified key target areas for the sampling program
- In-country geological partners, Dahrouge Geological will perform boots on ground field mapping and surface sampling in summer 2023
- Geological crew, accommodation and helicopter secured

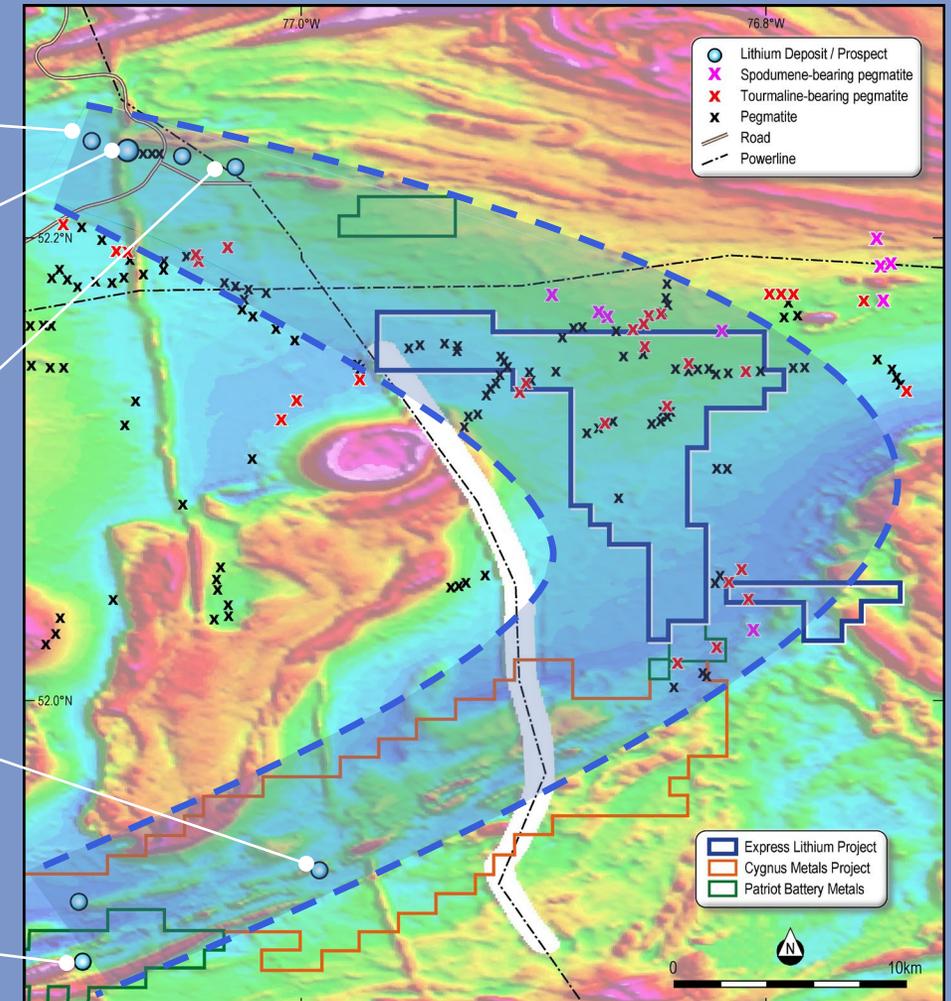
SPODUMENE-BEARING PEGMATITE TREND

James Bay Lithium Deposit
37.2Mt @ 1.3% Li₂O
Allkem (ASX: AKE)

Anatacau West Project
Brunswick Exploration
(TSXV: BRW)

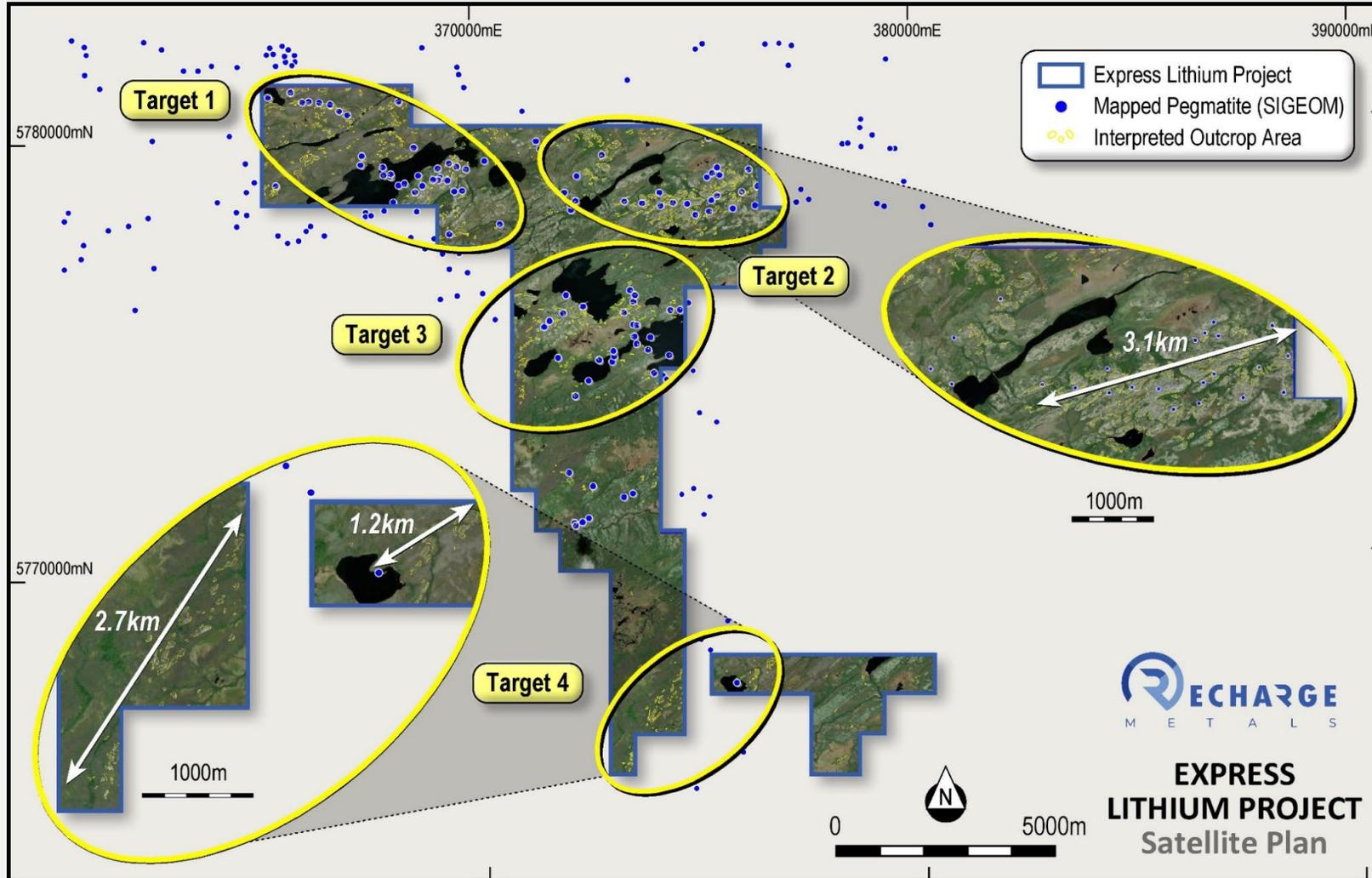
Pontax Project
Cygnus Metals
(ASX: CY5)

Pontax Project
Patriot Battery Metals
(TSXV: PMET,
ASX:PMT)



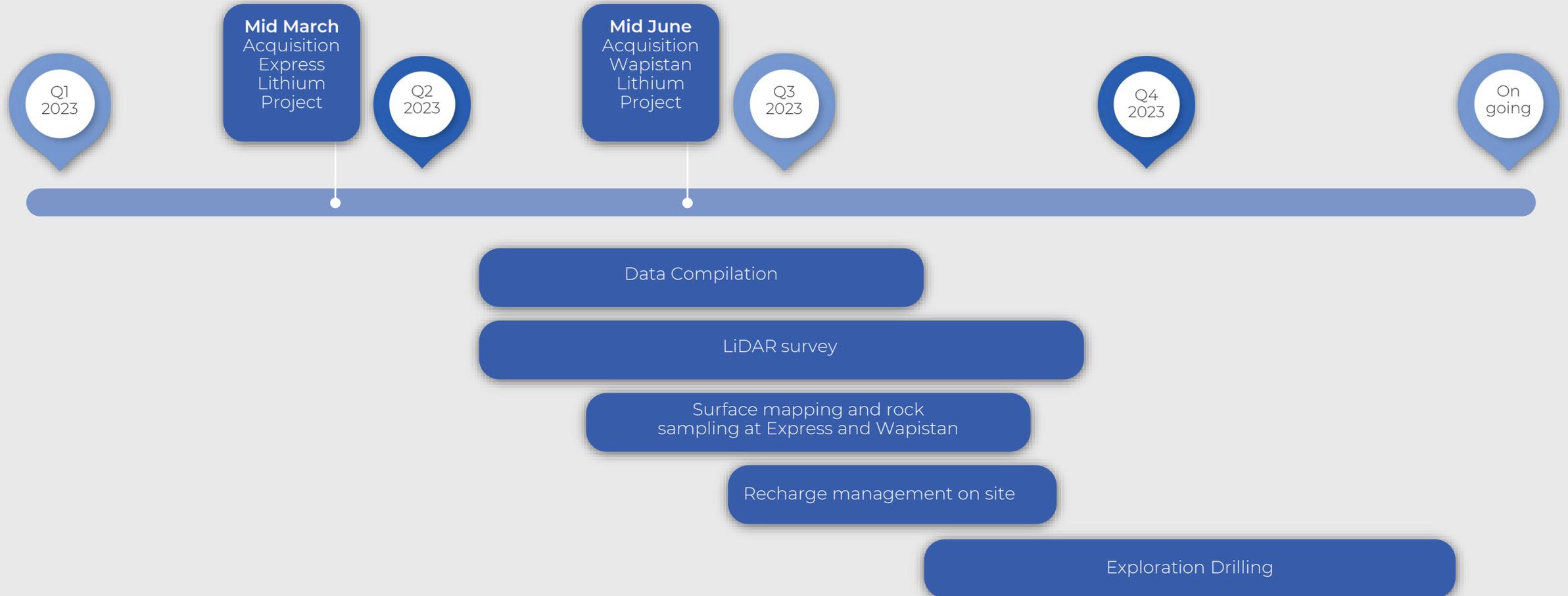
Note 1 – Refer to REC ASX Announcement released 15 March 2023 for exploration results

Express Lithium Project: Four high priority target areas identified



Note 1 – Refer to REC ASX Announcement released 29 May 2023 for exploration results

Indicative Forward Work Program





Synergistic Assets:
Express & Wapistan
Lithium Projects



Surrounded by
world-class lithium
projects and
discoveries



Tier 1 jurisdiction with
strong government
support



Outcropping
pegmatites
observed but
untested



Aggressive
exploration
campaign initiated



Express vendor
identified, acquired
and vended Patriot
Battery Metals'
Corvette Property

Thank you

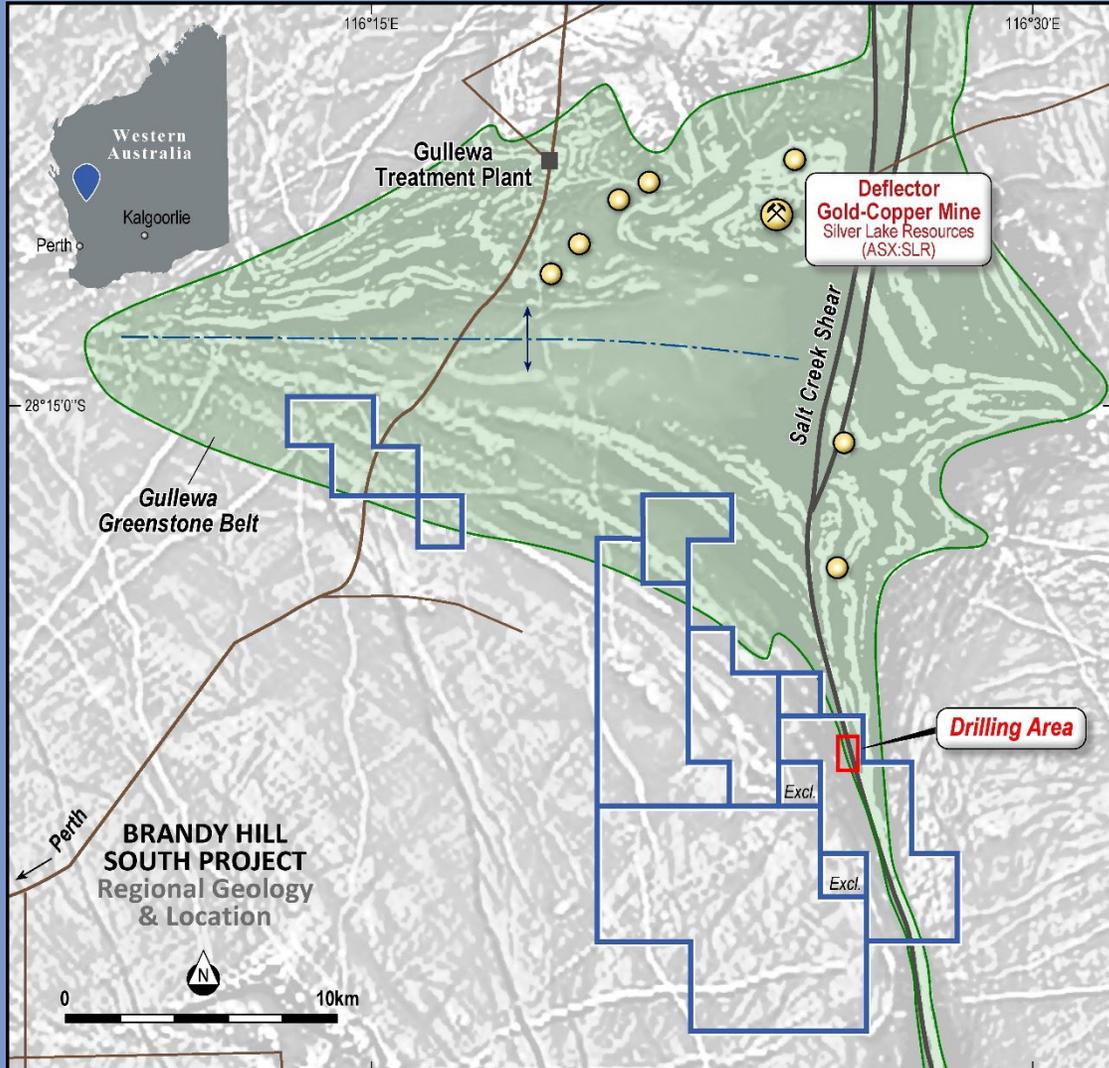
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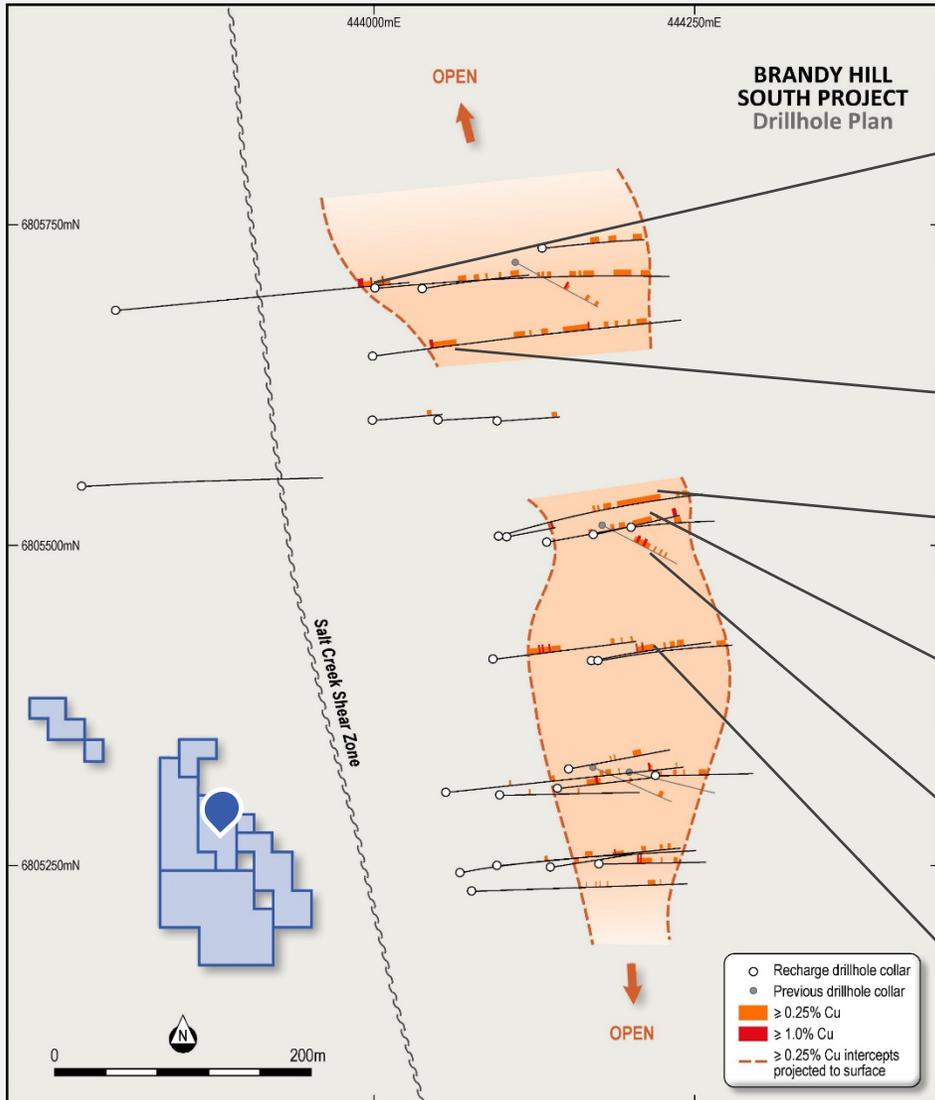
Brandy Hill South Project, Western Australia Significant Copper Mineralisation



- Underexplored, prospective ground
- Aggressive drilling campaign completed by Recharge since listing in October 2021
 - 4,249.41 metres Reverse Circulation
 - 2,460.39 metres diamond drillcore
- **Significant copper mineralisation** identified to date with broad zones of copper delineated associated with anomalous silver, molybdenum & tungsten
- Copper mineralisation defined over a **strike length of 500m**
- Mineralisation remains **open along strike and at depth**
- Independent **technical review** in progress to guide exploration strategy going forward

Notes: Refer to Recharge ASX Releases dated 15th November 2021, 8th February 2022, 29th March 2022, 5th April 2022, 10th May 2022, 18th May 2022, 9th June 2022, 14th July 2022, 8th August 2022, 15th September 2022, 14th October 2022, 24th October 2022, 22nd November 2022 and 30th January 2023 for significant intercepts.

Brandy Hill South Project Open along strike and at depth



22.5m @ 1.02% Cu
from 375.5 m
incl. **7.5m @ 1.65% Cu**
from 375.5m
20.96m @ 0.37% Cu
from 404.04m

30m @ 0.50% Cu
from 90 m

12m @ 1.20% Cu
from 74 m

36m @ 0.47% Cu
from 64 m

29m @ 1.09% Cu
from 63 m

24m @ 0.55% Cu
from 48 m



Drillcore from BHRCD027
7.5m @ 1.65% Cu, 11g/t Ag, 15ppm Mo, 929ppm W from 375.5m

Notes: Refer to Recharge ASX Releases dated 15th November 2021, 8th February 2022, 29th March 2022, 5th April 2022, 10th May 2022, 18th May 2022, 9th June 2022, 14th July 2022, 8th August 2022, 15th September 2022, 14th October 2022, 24th October 2022, 22nd November 2022 and 30th January 2023 for significant intercepts.