# Multi-commodity story High-Grade Gold & Lithium

District scale strategically located projects



**Investor Presentation** 

ASX: MHC ACN: 123 156 089

## Disclaimer



#### **Forward-Looking Statements**

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#### **Competent Persons Statement**

The information in this presentation that relates to Exploration Results and Mineral Resources is an accurate representation of the available data and is based on information either compiled or reviewed by Mr Kell Nielsen who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Nielsen is a Director and Chief Executive Officer of Manhattan Corporation Limited. Mr Nielsen has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person (CP) 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". Mr Nielsen consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

## **Corporate Overview**

Experienced team with proven track record





#### Mr Marcello Cardaci - Chairman BJuris LLB. BCom

Mr Cardaci holds degrees in law and commerce and is experience in a wide range of corporate and commercial matters with a particular emphasis on public and private equity raisings and mergers and acquisitions.



### Mr Kell Nielsen - Executive Director BSc. MSc

Mr Nielsen has over 30 years' experience as a qualified Geologist in project generation, exploration and development across a broad range of minerals including gold, copper and base metals. Mr Nielsen has exposure to a diverse range of experiences and roles from grass roots exploration to being at the forefront of discoveries and managing large resource development teams for Placer Dome (Wallaby resource definition >10Moz Au).



## Mr John A G Seton - Non-Executive Director LLM (Hons)

Mr Seton is an Auckland based solicitor with extensive experience in commercial law, stock exchange listed companies and the mineral resource sector. He has successfully developed and operated two gold mines.

#### Pro-Forma Capital Structure\*

ASX Code	MHC
Market Cap*	\$5.5m
Cash*	\$3m
Share Price	\$0.023
Existing Shares on Issue	234,898,898
Existing Options <sup>1</sup>	31,375,000

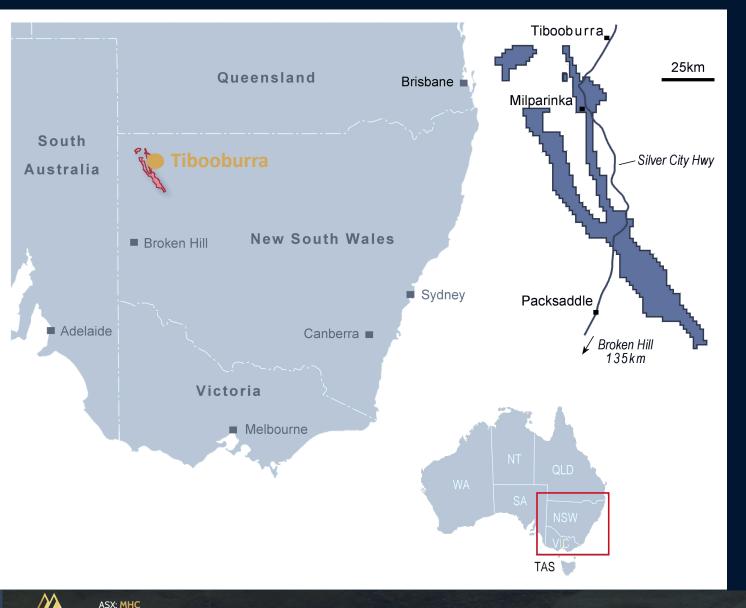
<sup>1</sup> 5,000,000 Unlisted options expiring 30 Mar 2026 expiring at \$0.20 5,000,000 Unlisted options expiring 30 Mar 2026 expiring at \$0.40 500,000 Unlisted options expiring 30 Mar 2026 expiring at \$0.080 875,000 Unlisted options expiring 28 Nov 2026 expiring at \$0.30 20,000,000 Unlisted options expiring 28 Nov 2027 expiring at \$0.04



# Tibooburra Gold Project | New South Wales

#### Emerging and under-explored district





#### Flagship project Located in emerging Koonenberry Gold District, north of Broken Hill, New South Wales

#### Large scale potential

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- ✓ Large 2,196 km<sup>2</sup> strategic land holding in the emerging Koonenberry Gold District
- ✓ 220km gold strike extent
- Mineralisation styles and structural development in the Tibooburra Goldfields are remarkably similar to the Victorian Goldfields in the Western Lachlan Orogen
- Advanced high-grade project
  - ✓ Drilling intersected significant mineralisation
  - ✓ Multi-million ounce potential

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# Novo Resources Farm-In

#### Northern Tibooburra Gold Project | New South Wales



- Execution of Term Sheet for a Farm-In and Joint-Venture Agreement<sup>1</sup> with a wholly owned subsidiary of Novo Resources Corporation on northern tenements of Tibooburra Gold Project
- Six (6) northern licences comprising of ~631 km<sup>2</sup> of the Tibooburra Gold Project, including projects New Bendigo and Clone

#### Farm-In Terms

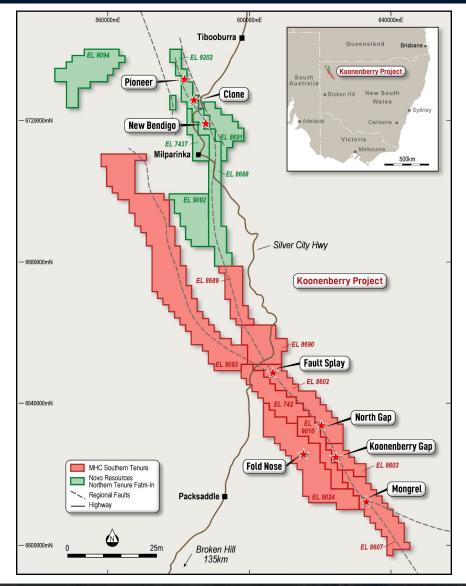
- Novo Resources to spend a minimum of A\$500,000 on exploration within an initial 12 month period and Issue 500,000 Novo Resources Shares to Manhattan (Initial Farm-In Period)
- After the Initial Farm-In Period, Novo Resources may elect to continue by spending a minimum of A\$1,000,000 on exploration within the following 12 months and issue a further 1,000,000 Novo Resources shares to Manhattan (Second Farm-In Period)
- On Completion of the Second Farm-In Period, Novo can elect to establish an unincorporated joint venture, with the parties interests as follows:
  - Novo Resources Corporation 70%

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- Manhattan Corporation Limited 30%
- Manhattan to be free-carried to completion of a positive Defined Feasibility Study

Manhattan remains 100% beneficial owner of the nine (9) Southern Exploration Licences comprising of ~1,564 km<sup>2</sup>

<sup>1</sup>See ASX release dated 16 December 2024 for a summary of fee agreement, including the conditions precedent.



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#### Northern Tibooburra Gold Project | New South Wales



# New Bendigo "Main Zone" lies within a 25km gold mineralised strike in the northern part of the Tibooburra Gold Project

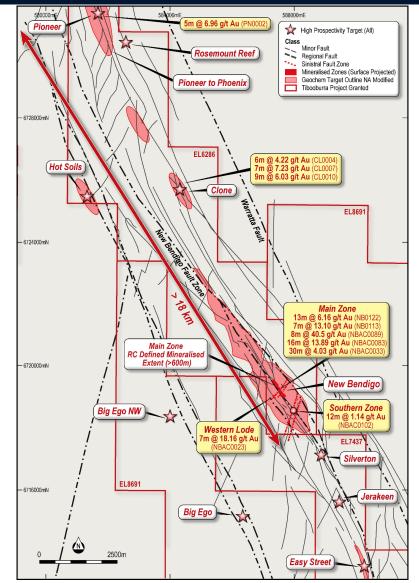
#### Immediate Focus

- Novo has plans to immediately advance the New Bendigo and Clone and Prospects located within a 25km lithological and structural corridor that continues from the south of New Bendigo to north of Pioneer:
- Drilling completed by MHC at **New Bendigo** returned significant shallow high-grade mineralisation, including:
  - 2m at 4.48 g/t from 17m and 2m at 9.78 g/t Au from 22m (NB0130)
  - 7m at 4.76 g/t Au from 82m, including 3m at 8.96 g/t Au (NB0131)
  - 21m at 1.23 g/t Au from 27m, including 3m at 2.37 & 4m at 2.7 g/t Au (NB0133)
  - 13m at 2.57 g/t Au from 41m, including 3m at 8.71 g/t Au from 47m (NB0135)
  - 4m at 5.97 g/t Au from 75m and 2m at 2.88 from 88m (NB0136)

These results were planned as follow up to previous drilling that returned:

- 30m at 4.03 g/t Au from 11m, including 5m at 20.86 g/t Au (NB0033) from 11m
- 7m at 13.10 g/t Au from 97m, incl. 5m at 18.01 g/t Au from 97m (NB0113)
- 16m at 13.89 g/t Au from 1m, including 3m at 69.20g/t Au from 7m (NB0083)
- 8m at 40.5 g/t Au from 70m, including 3m at 105.34 g/t Au from 70m (NB0089)
- 13m at 6.16 g/t Au from 50m, Incl. 3m at 25.48m from 51m (NB0122)
- 63m at 1.33 g/t Au from 24m, including 9m at 7.22 g/t Au from 56m (NB0105)
- Drilling at **Clone** by MHC delivered high-grade mineralisation over a > 250 metre strike extent from a ten (10) hole RC Programme (CL0001-10). All drill holes intersected significant mineralisation, including:
  - 31m at 1.29 g/t Au from 60m, including 3m at 6.52 g/t Au (CL0002)
  - 6m at 4.22 g/t Au from 66m, including 2m at 11.65 g/t Au (CL0004)
  - 7m at 7.23 g/t Au from 81m, including 3m at 16.1 g/t Au (CL0007)
  - 9m at 6.03 g/t Au from 16m (CL0010)

Manhattan remains 100% beneficial owner of the nine (9) Southern Exploration Licences comprising of ~1,564 km<sup>2</sup>



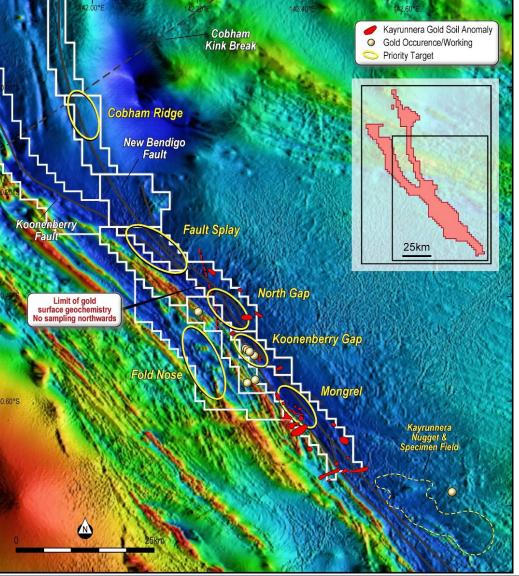
# Southern Exploration Targets - Multi Million-ounce potential

Area of 80km of deep-seated structured fault systems



 With the Farm-In with Novo Resources, MHC remains 100% beneficial owner of the 9 southern exploration licences comprising of ~1,564 km<sup>2</sup>

Mongrel	<ul> <li>8km of surface anomalism in limited geochemistry coinciding with multiple high priority intersecting structures over the extent of the anomaly and associated with quartz reefs and quartz veined hydrothermal breccias at surface</li> <li>No drilling completed to date</li> </ul>
Fold Nose	<ul> <li>Series of Anticlinal fold closures with magnetic sediments, associated with and intersected by regional scale faults and shears</li> <li>Demagnetisation evident within the closures, indicating a potential mineralizing event (sulphidation)</li> <li>Similar structural analogy to Sunrise Dam (&gt;10Mozs Au) Laverton WA</li> </ul>
	<ul> <li>Convergence and divergence of the main fault systems over ~20km</li> </ul>
Koonenberry & North Gap	<ul> <li>No systematic exploration completed to date, shallow workings present, sporadic rock chip sampling has returned up to 7.6 g/t Au</li> <li>No drilling completed to date</li> </ul>



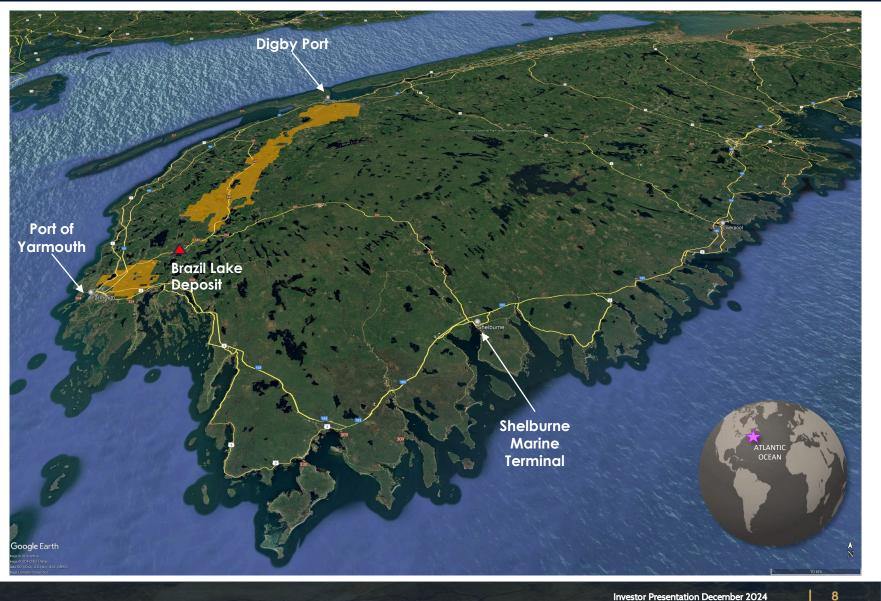


## **Chebogue Lithium Project** Nova Scotia | Canada



#### **Underexplored "District Scale"** High-Grade Lithium potential

- Little to no exploration carried out for lithium-bearing pegmatites
- Historical exploration mainly focusing on gold, tin and other critical metals
- Over 90km of prospective Lithium pegmatite strike length
- Large, coarse grain spodumene-bearing pegmatites discovered at BP Target confirmed to host spodumene
- Road accessible and proximal to three ice free, deep-sea cargo ports
- Less than 300km from Halifax, Nova Scotia





# **Chebogue Lithium Project**

Excellent Surrounding Infrastructure



# Located 25km from deep seaport connecting to the Atlantic Ocean



Port Facilities - Three deep-sea shipping ports in close proximity to the project including the Port of Yarmouth, the Shelbourne Marine Terminal, and the Digby Port. Additionally:

- The port city of Halifax is located approximately 300km (three hours' drive) from the project area, and
- The Port of Yarmouth is the first secure port of destination from the US Eastern Seaboard, and one of the four ports of entry to Nova Scotia for international vessels.

**All-Weather Roads** - The Harvest highway connects all project areas with heavy haulage and wide load capability, providing easy access for mobilisation of personnel and equipment.



Airports - Two international airports:

- Halifax Stanfield (full service), and
- Yarmouth (private and emergency service) with two runways in close proximity to the Chebogue Lithium Project areas.



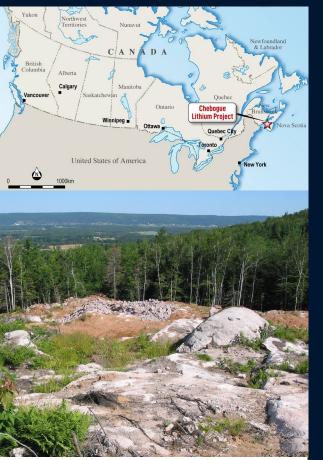
**Power** - Throughout the project area there are numerous high voltage transmission lines including a major transmission line located 14km from MHC's Chebogue Lithium Project



Port of Yarmouth, Nova Scotia

## Chebogue Lithium Project Highlights

- 43 licences (3,088 claims) covering ~500 sq.km of ground having potential for lithium-caesiumtantalum ("LCT") bearing pegmatites
- Advancing three areas to drilling from initial compilation work which identified 6 target areas including rationalising the claim holdings
- Detailed prospecting is now focused at the BP Target and surrounding licences lying to the north and south
- Spodumene bearing sub-angular boulders have been discovered on surface where assays have previously returned:
  - >1% Li<sub>2</sub>O, including 2.24% Li<sub>2</sub>O (85083) and 2.22% Li<sub>2</sub>O (85032)
- Exploration to date consisting of prospecting, soil sampling, and initial screening for spodumene flakes in glacial till is continuing in this area



Equigranular variolitic Inglisville Leucomonzogranite



Large milky quartz vein with crystals up to 1 metre long and 30cm wide



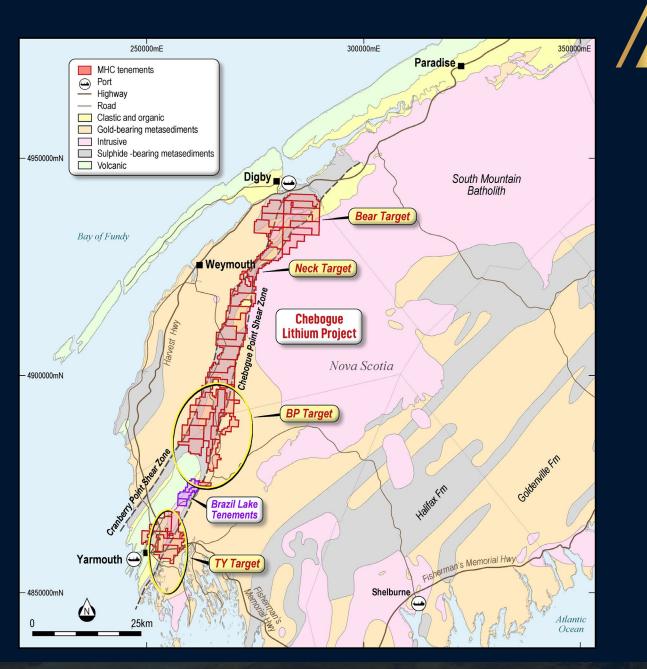
# Chebogue Lithium Project

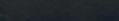
Exploration Targets

- Six main target areas identified
  - BP Target including Big Betty Prospect
  - o TY Target
  - Bear Target
  - Neck Target

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- Blue MT Target (relinquished)
- GEM Target (relinquished)
- Pegged critical stratigraphy between two shear zones
- Nova Scotia climate allows for year-round drilling
- Focus on Brazil Lake Deposit style LCT pegmatites





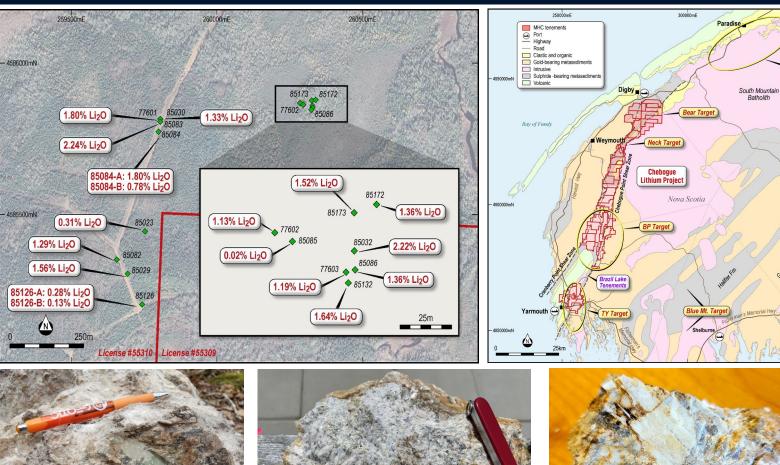
## Chebogue Lithium Project | 3.7km of strike & >700m wide BP Target

Green and light brown, weathered spodumene boulder

from discovery boulder field area

#### Large, Coarse Grain Spodumene-Bearing Pegmatites Discovered

- 13 of the samples returned from spodumene bearing Pegmatites returned > 1% Li<sub>2</sub>O, with a peak result of 2.24% Li<sub>2</sub>O ~3.7km of strike and up to 700m wide within a stratigraphic sequence of metavolcanic and metasediments
- The boulder train has been called the "Rainy Day Pegmatite Field" by the discovery team
- Near identical in composition to the Brazil Lake Lithium Deposit owned by Champlain Mineral Ventures Ltd
- MHC believes that glacial dispersion patterns in the area, indicates that the bedrock lithium source is located approximately 200m in an upice direction (NW) from the trace of the pegmatite boulder trail; this spodumenebearing, pegmatite boulder field is ~7.5km north of the Brazil lake Lithium Project



Sample from the Spodumene-bearing Discovery pegmatite

(sample 85126)

Seven-centimetre spodumene crystals from the new boulder discovery at the BP Target

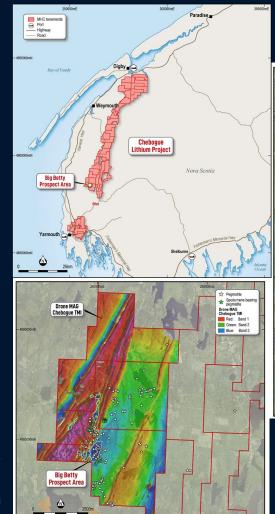


# **Chebogue Lithium Project**

Big Betty Prospect Area

#### Additional Spodumene Float Occurrences

- Discovery of four occurrences between boulder train at BP Target now forming Big Betty Prospect
- Supports MHC's belief that at least three distinct and separate sources of spodumene-bearing bedrock pegmatites exist at Big Betty
- A total of 15 rock samples collected with 6 reporting Li<sub>2</sub>O assays >2% and include:
  - o Sample 85088A returned 3.40% Li<sub>2</sub>O
  - Sample 85567A returned 3.23% Li<sub>2</sub>O
  - Sample 85584A returned 3.19% Li<sub>2</sub>O
  - Sample 85584B returned 2.97% Li<sub>2</sub>O
  - Sample 85567B returned 2.41% Li<sub>2</sub>O
  - Sample 85569A returned 2.35% Li<sub>2</sub>O
- A 1,417 line-kilometres high-resolution, airborne drone magnetic survey completed outlining several low magnetic response anomalies that cover ~30km potentially representing pegmatite occurrences including a central anomaly that covers an area ~200m wide by ~1km of strike that occurs adjacent to the recent spodumene bearing pegmatite discoveries
- Drilling expected April June 2025







## Chebogue Lithium Project Our Neighbours



# Brazil Lake Deposit proves potential for Lithium discoveries

- The first noted occurrence of spodumene-bearing pegmatite in the region was discovered in 1960 by the Geological Survey of Canada at Brazil Lake
- The Brazil Lake Lithium Project is now privately owned by Canadian company, Champlain Mineral Ventures Ltd
- Two Lithium-rich pegmatites have been uncovered to date: North Dyke and South Dyke
- Measured Resource Estimate of measured and indicated:
  - 555,300T @ 1.30% Li<sub>2</sub>0 & 381,000T of inferred @ 1.48% Li<sub>2</sub>0<sup>1</sup>

MHC holds the strike extension ground adjacent to the Brazil Lake pegmatites, which is one of its priority targets

The entire Silurian belt lies adjacent to the South Mountain Batholith which is the primary heat engine for the formation of pegmatites and other mineral deposits in the area



#### Course Grain Spodumene – Brazil Lake Deposit Pegmatite

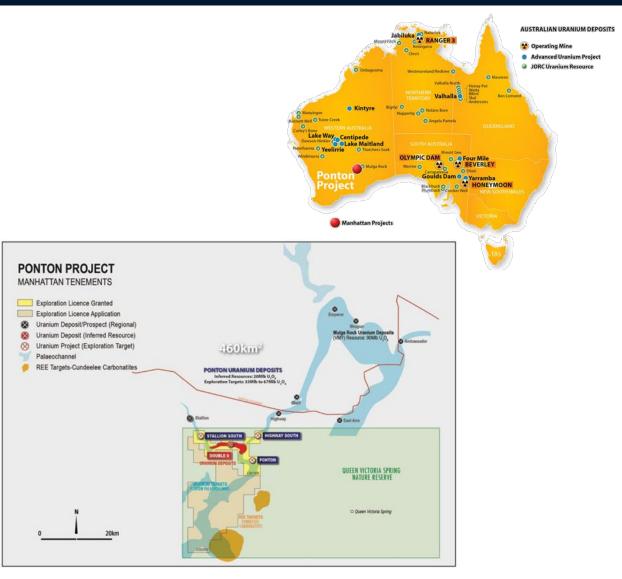


Note: 1. NI 43-101 Technical Report on the Mineral Resources Estimate for the Brazil Lake Project (Lithium-Bearing Pegmatite Deposit) Nova Scotia, Canada, prepared for Champlain Mineral Ventures Ltd, by Michael Cullen P.Geo., Matthew Harrington, P. Geo., and Lawrence Elgert, P.Eng, of Mercator Geological Services, dated 25 April 2022 and prepared in accordance with the requirements of National Instrument 43-101 – Standards of Disclosure for Mineral Project of the Canadian Securities Administrators reporting instrument codes. The quoted Mineral Resources Estimates are combined PI Constrained (0.48% Li,O cut-off grade) and Underground Constrained (0.98% Li,O cut-off grade) resources.

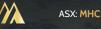
# Ponton Uranium Project

JORC 2012 Resource | Double Uranium Deposit

- Located approximately 200km northeast of Kalgoorlie on the edge of the Great Victoria Desert in WA and ~40km from the Mulga Rock Project
- Mulga Rock is one of only four projects in Western Australia to receive State Ministerial approval to progress with the mining of uranium<sup>1</sup>
- Inferred Resource (JORC 2012) for the Double 8 Uranium Deposit of 26 million tonnes (Mt), for 17.2 million pounds (Mlb) grading 300ppm U<sub>3</sub>O<sub>8</sub>, (Refer ASX Announcement Dated 23 January 2017)
- Ministerial consent underway to commence further drilling to test the defined resource, extensions to the known mineralisation and evaluate the exploration targets
  - Stallion South
  - Highway South
  - Ponton
- MHC believes its 100% interest in the Ponton Uranium Project gives it exposure to significant accretive value potential with any future potential change of Australian and Western Australian government policy as a result of a policy focus on global energy decarbonisation, cleaner energy sources and the Net Zero policy targets.











2025 forward looking

	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sept-25
Chebogue Lithium Project   Nova Scotia, Canada										
Land Access underway		<b>→</b>								
Reconnaissance and Geophysics to define drill targets *										
Drilling										
Tibooburra Gold Project South   New South Wales, Australia										
Land Access discussions   ongoing										

#### \* Subject to gaining land access



1. & 4. Roxbury Brook; 2. Inglisville Leucomozogranite overlooking the Annapolis Valley to the north; 3. Zoned quartz-feldspar pegmatitic segregation, 5. Radiating quartz-feldspar pegmatite formation in the Cloud Lake Monzogranite.



# Why Invest in Manhattan?



Strategically located Lithium Projects

- ✓ Under explored district scale
   Lithium potential
- ✓ 90km prospective strike length
- ✓ Nova Scotia an emerging, low risk mining jurisdiction

Aggressive exploration in 2025

- ✓ Farm-In Agreement executed with Novo Resources
- Novo Resources to spend a minimum of A\$500,000 on exploration within an initial 12month period
- ✓ Exploration project underway with strong results pipeline

# Well supported and fully funded

- ✓ Full broker support
- ✓ Well-funded
- ✓ Proven management track record

ASX: MHC

#### Manhattan Corporation Lim

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