## **INVESTOR PRESENTATION**

EMERGING GOLDFIELD
WITH PROVEN HIGH GRADE
GOLD DISCOVERY

December 2021

**ASX: MHC** 

**ACN:** 123 156 089





## DISCLAIMER

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

This ASX release may include forward-looking statements. These forward-looking statements are not historical facts but rather are based on Manhattan Corporation Limited's current expectations, estimates and assumptions about the industry in which Manhattan Corporation Limited operates, and beliefs and assumptions regarding Manhattan Corporation Limited's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. Forward-looking statements are only predictions and are not guaranteed, and they are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of Manhattan Corporation Limited. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. Actual values, results or events may be materially different to those expressed or implied in this presentation. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Manhattan Corporation Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this announcement or any changes in events, conditions or circumstances on which any such forward looking statement is based.

#### **Competent Persons Statement**

The information in this Report that relates to Exploration Results for the Tibooburra Project is based on information review by Mr Kell Nielsen who is a technical adviser to Manhattan Corporation Limited and is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Nielsen has sufficient experience which is relevant to this style of mineralisation and type of deposit under consideration and to the overseeing activities which he is undertaking to qualify as a Competent Person as defined in the 2004 and 2012 Editions of the "Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves'. Mr Nielsen consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Details of the Ponton Resource was reported by MHC on the 23 January 2017, "Ponton Mineral Resource Estimates".



## **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.

Capital Structure	
ASX Code	MHC
Market Cap	\$20m
Cash	\$3.5m
Share Price	\$0.014
Shares on Issue <sup>1,2</sup>	1.526b
Options <sup>1,3</sup>	200m

Major Shareholders	
Tribeca Investment	8%
Тор 20	34%

## Manhattan Projects

Projects in emerging and under-explored districts

#### **Ponton Uranium Project**

- Located ~200km northeast of Kalgoorlie
- Inferred resource of 17.2 million pounds (Mlb) grading 300ppm uranium oxide (U3O8)
- Carbonaceous sand hosted uranium
- Mineralisation located in shallow reduced sand hosted tabular deposit in a confined palaeo channel
  - potentially amenable to in-situ metal recovery



Tibooburra\_/

25km

#### **Tibooburra Project**

Flagship project Located in emerging Koonenberry Gold District, North of **Broken Hill NSW** 

#### Large scale potential

- Large 2,200 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 has intersected significant mineralisation
- Multi-Million ounce potential

### MHC Timeline and News flow

Drilling to re-commence January 2022

- Completed acquisition of Awati Resources Pty Ltd
- 2,500m drill program started
- New shallow high-grade gold lode discovered outside New Bendigo 7m @ 18.16 g/t Au from 87m
- Additional 5,000m RC drilling planned
- Shallow high-grade gold mineralization intersected at New Bendigo inc 30m @ 4.03 g/t Au from 11m inc 5m at 20.86 g/t Au from 11m.
- Drilling extended the known extent of shallow mineralisation by 50%

AC drilling intersected new zone of gold mineralisation returning 12m @ 1.14 g/t Au from surface

Drilling to recommence and will run through the first quarter of 2022

APR 2020 JUN 2020 OCT 2020 FEB 2021 JAN 2022

**MAY 2020** 

**AUG 2020** 

**NOV 2020** 

**DEC 2021** 

**MAR 2022** 

Completed initial 2,500 drill program and extended RC drill coverage by 500-800m

- Completed initial 2,500 drill program and extended RC drilling by 500-800m
- Plans for AC drill program announced

Aggressive 30,000m drill program commenced including 20,000m of AC drilling and 10,000m of RC drilling

- All results received from 20 RC drill holes
- ~2,100m of 5000m
- Significant mineralisation in all holes with
  - 8m @ 40.5 g/t Au from 70m, inc 3m at 105.34 g/t Au
  - 16m @ 13.89 g/t Au from 1m, inc 3m @ 69.20 g/t Au

Drilling results announced between January and March 2022

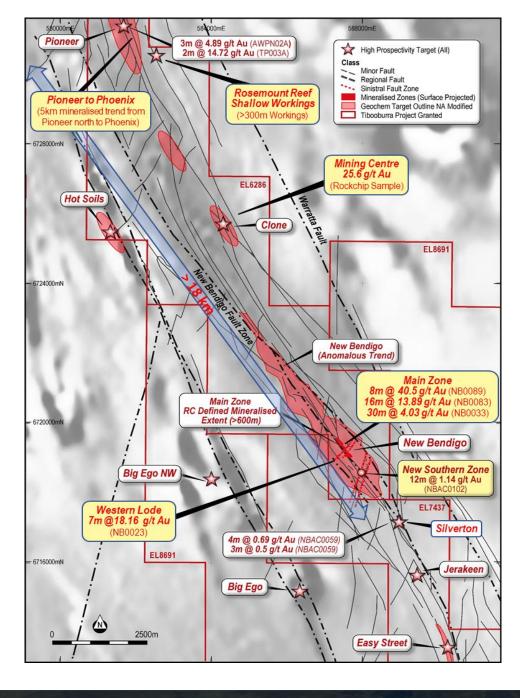
## New Bendigo Main Zone

#### Best gold drill intersections reported from the Koonenberry region to date

- 20 Reverse Circulation drill holes have been completed for 2,131 metres
- Drilling focused on
  - testing the shallow nature of the mineralisation including targeting the north plunging shoots within the lower grade NNW trending mineralised corridor that extends for approximately 650 metres of strike
  - high-grade controls along only a small portion of the strike extent (>650 metres) of an under explored elongated >5km long soil anomaly where historic workings extend over at least 1.5 km of strike
- Drilling has successfully intersected high-grade mineralised zones that are thought to form two separate north plunging shoots located to the north and south of a cross-cutting fault

#### **Drilling returned significant mineralisation**

- 8m at 40.5 g/t Au from 70m, including 3m at 105.34 g/t Au (NB0089)
- 16m at 13.89 g/t Au from 1m, including 3m at 69.20 g/t Au (NB0083)
- 7m at 2.89 g/t Au from 56m, including 1m at 15.45 g/t Au (NB0088)
- 6m at 1.93 g/t Au from 12m, including 2m at 4.29 g/t Au (NB0090)
- 3m at 4.67 g/t Au from 126m, including 2m at 6.74 g/t Au (NB0081)
- Results support the interpretation of north plunging high grade shoots within a broader lower grade NNW trending regional shear "Mineralised Footprint".
- Drilling to date, has identified the potential for at least two shoots to exist either side of a crosscutting fault.



New Bendigo Main Zone Drill Program

#### Drilling has returned significant mineralisation

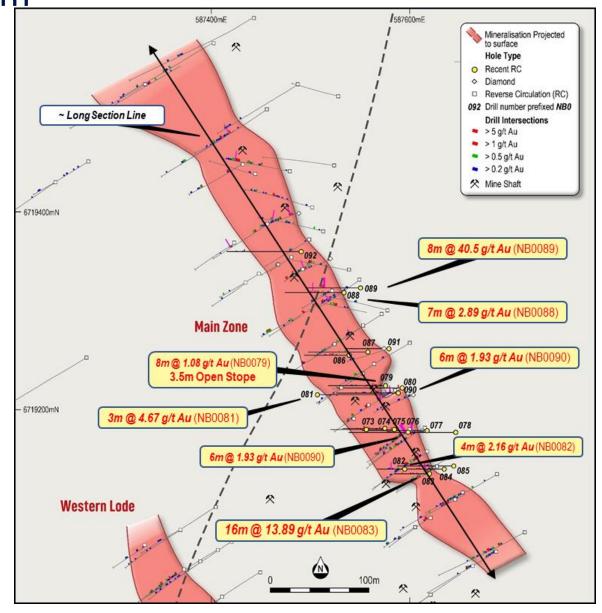
- ✓ Drilling successfully increased drill coverage within the mineralised footprint with all RC holes reporting significant mineralisation
- ✓ Mineralisation remains open along strike (south and north), down dip as well as down plunge of the high-grade mineralised shoots
- ✓ Consultant Geostatistician / Resource Geologist engaged to review the coarse nature of the mineralisation intersected to date
- ✓ Drilling is scheduled to recommence January 2022
- ✓ The initial 5000m drill program will be significantly expanded

#### RC Drilling will now focus on

- ✓ Extensions to the interpreted north plunging shoots at depth
- ✓ Continue to test the size of the "Main Zone" mineralised system which has the potential to be a significant shallow, high-grade gold resource.

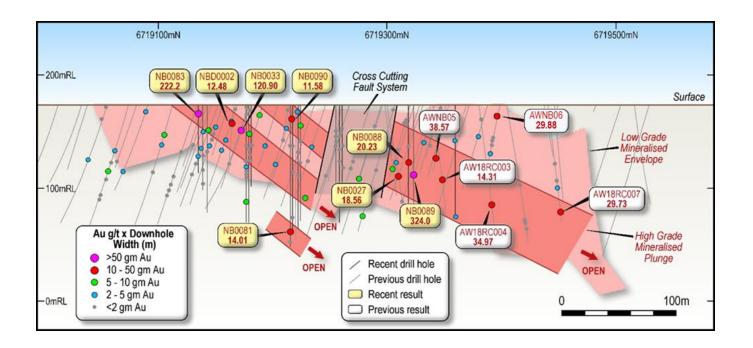
#### **Diamond Drilling is planned to**

- ✓ Aid the planning and targeting of deeper mineralisation down the plunge of the system
- ✓ Complement the initial diamond drilling that was completed by MHC in 2020

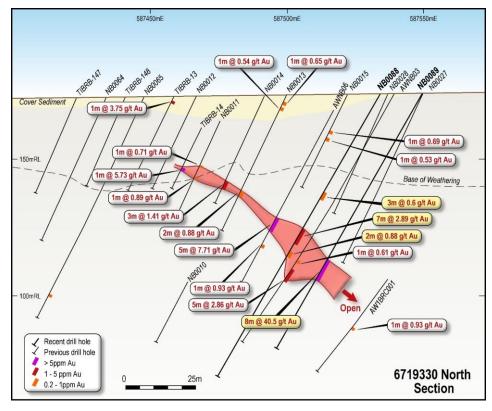


## New Bendigo Main Zone

- New Bendigo Long Section
- Showing drill intersections (gram per tonne (g/t) x downhole width of the intersected mineralisation.
- New reported assays are in yellow callouts



- New Bendigo Section 6,719,330 North (20m north and south window)
- New reported assays are in yellow callouts
- High-Grade mineralisation is interpreted as plunging through the section



## Northern Exploration Targets

Additional Targets near New Bendigo

#### Clone

- Extensive deep historical gold workings over ~450m Strike and up to >25m deep)
- Similar structural and lithological analogue to "Main Zone" at New Bendigo

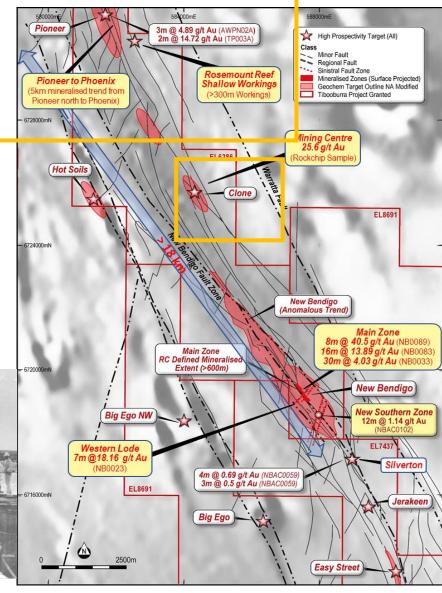
#### **Pioneer and Phoenix**

- Historical gold workings over 5km of strike
- Home to a historic gold stamping battery (Pioneer)
- Limited drilling returned 3m at 4.89 (AWNPN02A) and 2m at 14.72 (TP003A) g/t Au in diamond and RC drilling respectively

#### **Elizabeth and Pioneer**

 Untested smaller reef systems identified with no drill testing, including Rosemount (> 200m strike) and Elizabeth (NW of Pioneer - two historic reefs ~200m of strike)





## **Untested Southern Targets**

Area of 80km of deep seated structured fault systems

#### **Mongrel**

- 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
- No drilling completed to date

#### **Fold Nose**

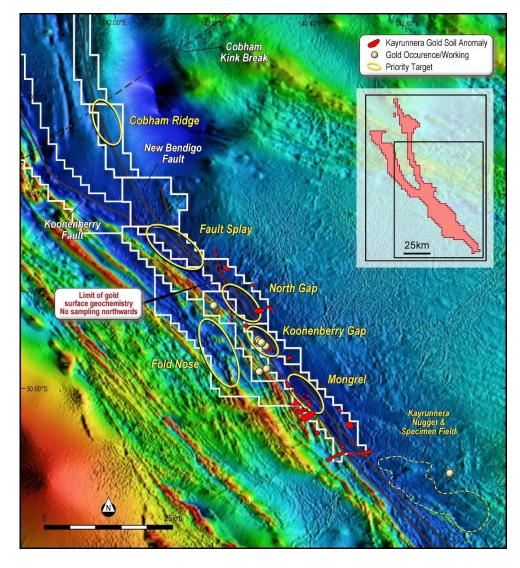
- Series of Anticlinal fold closures with magnetic sediments, associated with and intersected by regional scale faults and shears
- Demagnetisation evident within the closures, indicating a potential mineralising event (sulphidation)
- Similar structural analogy to Sunrise Dam (>10Mozs Au) Laverton WA

#### **Koonenberry & North Gap**

- Convergence and divergence of the main fault systems over ~20km
- No systematic exploration completed to date, shallow workings present, sporadic rock chip sampling has returned up to 7.6 g/t Au
- No drilling completed to date

#### **Fault Spray**

- High Priority target where the deep-seated mantle tapping regional Koonenberry and New Bendigo faults converge
- Untested large dilatational zones established that are favourable for gold accumulation
- No drilling completed to date



### **Ponton Uranium**

#### Double 8 Hosted Uranium Resource\*

- Located ~200km northeast of Kalgoorlie WA
- 100% control of 460km² of exploration tenements underlain by Tertiary palaeochannels within the Gunbarrel Basin
- Palaeochannels are known to host a number of uranium deposits and drilled uranium prospects
- 4 exploration targets include
  - Double 7: between 2.5 and 5.5Mlb U<sub>3</sub>O<sub>8</sub>
  - Stallion South: between 8 and 16Mlb U<sub>3</sub>O<sub>8</sub>
  - Highway South: between 8 and 16Mlb U<sub>3</sub>O<sub>8</sub>
  - Ponton: between 15 and 30Mlb U<sub>3</sub>O<sub>8</sub>
- MHC has drill tested and defined relatively shallow (50 to 70 metres deep)
   paleochannel sand hosted uranium mineralisation amendable to in-situ metal recovery
- Inferred resource of 26 million tonnes (Mt) for 17.2 million pounds (Mlb) grading 300ppm uranium oxide (U<sub>3</sub>O<sub>8</sub>) at a 200ppm cut off



#### **Double 8 Inferred Resource Estimates**

CUTOFF GRADE eU <sub>3</sub> O <sub>8</sub> (ppm)	TONNES (Million)	GRADE eU₃O <sub>8</sub> (ppm)	TONNES EU <sub>3</sub> O <sub>8</sub> (t)	POUNDS (MILLION) U <sub>3</sub> O <sub>8</sub> (Mlb)
100	110	170	18,700	42.0
150	51	240	12,240	26.0
200	26	300	7,800	17.2
250	14	360	5,040	11.0

## Investment Highlights



#### Location

- √ District Scale Project ~2,200 km²
- ✓ Covering the emerging high-gradeKoonenberry Gold District
- ✓ 220 strike km of gold-anomalous structures
- ✓ Similar in age and tectonic features to the Victorian Goldfields.



## Advanced High - Grade Project

- ✓ New Bendigo high-grade, near surface, gold discovery, recent drilling returned
  - 8m at 40.5 g/t Au from 70m, including 3m at 105.34 g/t Au (NB0089)
  - 16m at 13.89 g/t Au from 1m, including 3m at 69.20 g/t Au
  - > 7m at 2.89 g/t Au from 56m, including 1m at 15.45 g/t Au
  - 6m at 1.93 g/t Au from 12m, including 2m at 4.29 g/t Au
  - > 3m at 4.67 g/t Au from 126m, including 2m at 6.74 g/t Au



# Underexplored Goldfield with Multi - Million ounce potential

- Numerous historical shafts and historical mines and workings within MHC's tenements that have no drill testing
- Southern targets contain an area of 80km of deep seated structured fault systems





**Manhattan Corporation Limited Investor Presentation – December 2021** 

This release was authorised by Mr. Kell Nielsen, Executive Director of Manhattar

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