



# HIGH GRADE GOLD IN A WORLD CLASS JURISDICTION

**CAPE RAY GOLD PROJECT** July 2019

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## Mineral Resources

The information in this Presentation that relates to the Mineral Resource estimate for the Cape Ray Gold Project was announced on 30 January 2019. Matador confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 30 January 2019 and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the announcement of 30 January 2019 continue to apply and have not materially changed.

## Exploration Target

The information in this Presentation that relates to the Exploration Target for the Cape Ray Gold Project was announced on 7 August 2018. The potential quantity and grade of the Exploration Target is conceptual in nature and therefore is an approximation. There has been insufficient exploration to estimate a Mineral Resource across the entire Project and it is uncertain if further exploration will result in the estimation of a Mineral Resource across the entire Project. Matador confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 7 August 2018.

## Exploration Results and Metallurgical Testwork Results

The information in this Presentation that relates to exploration results and metallurgical testwork results was announced on 5 April 2018, 31 January 2019, 26 February 2019, 12 March 2019 and 2 May 2019 respectively. Matador confirms that it is not aware of any new information or data that materially affects the information included in the announcements of 5 April 2018, 31 January 2019, 26 February 2019, 12 March 2019 and 2 May 2019.

# MATADOR MINING (MZZ.ASX)

65km of strike along prolific Cape Ray Shear Zone

ONE OF THE MOST PROSPECTIVE, YET UNDER  
EXPLORED GOLD REGIONS IN NORTH AMERICA

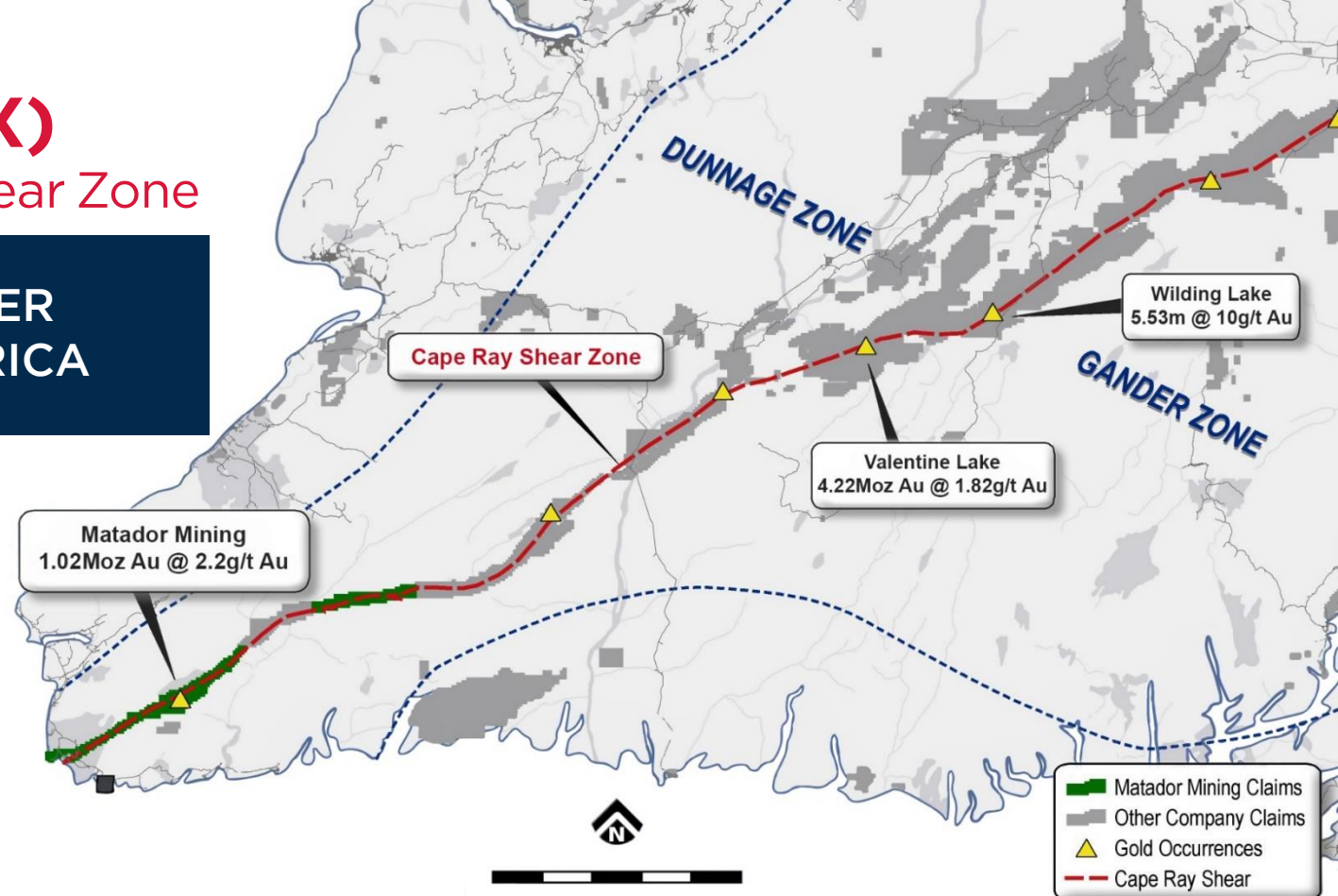
Majority of gold discovered in Newfoundland  
is found along the Cape Ray Shear Zone<sup>1</sup>

## Investment Rationale:

- JORC resource - 1.02Moz at 2.2g/t Au<sup>2</sup> (100% ownership)
- Discovery cost (2018 exploration program) - \$7/oz Au<sup>3</sup>
- Positive metallurgical test work (CIL 96% recovery)<sup>4</sup>
- Significant drill program underway - 12,000m
- Fully funded exploration program - \$4.9m cash<sup>5</sup>

Significantly under-valued compared to ASX listed gold peers<sup>6</sup>

- EV / resource oz - MZZ (\$23/oz) vs. peers (\$57/oz)



<sup>1</sup> – Cape Ray shear or secondary structures (splays)

<sup>2</sup> – ASX Announcement – 30<sup>th</sup> January 2019 (see Appendix 2 for Mineral Resource estimate)

<sup>3</sup> – Discovery cost – 272,000oz Au were defined at a cost of approximately \$7 per ounce inclusive of drilling, support activities and resource evaluation

<sup>4</sup> – ASX Announcement – 31<sup>st</sup> January 2019

<sup>5</sup> – Cash position, post capital raising (3<sup>rd</sup> April 2019) including \$2.8m from Tranche 2 placement

<sup>6</sup> – Peer group – ASX listed, gold resource +1Moz Au, resource grade +2g/t

# HERE COME THE AUSTRALIANS

\$3bn spent by Australian groups in Canada during the past 12 months

**MATADOR WAS ONE OF THE FIRST ASX GROUPS TO IDENTIFY CANADA AS A SIGNIFICANT OPPORTUNITY**

## Limited opportunities in Australia has encouraged movement abroad

- Strong valuation on ASX
- Limited number of new discoveries/development assets locally
- Development assets well understood with potential legacy issues

## Change in TSX investor appetite

- Focus on new growth industries (Crypto and Marijuana)
- Funding difficulties for TSX companies has resulted in limited spending on exploration in past decade

## Canada – a world-class jurisdiction for resource project

- Low geopolitical risk
- Skilled workforce
- Well understood mining regulatory environment



- St Barbara Limited proposed acquisition of (\$768m);
- Newcrest Mining Limited acquisition of Imperial Metals Corp's Red Chris mine (\$1.1bn);
- Northern Star Resources Limited acquisition of Sumitomo Corp's Pogo gold mine (\$347m).
- In 2018, Hancock acquired 19.99% of Riversdale through a placement at a weighted average subscription price of \$1.70 per share for a total cost of approximately \$100M. Should Hancock acquire 100% of Riversdale pursuant to a subsequent offer, the total Hancock investment is approximately \$744M at a weighted average price of \$2.50 per share.

# CAPE RAY TICKS THE RIGHT BOX

## Significant valuation opportunity vs. limited peers

80

companies

ASX listed gold explorers  
and developers<sup>1</sup>

29

companies

Resource > 1Moz Au  
(Av. Grade 1.6g/t)

13

companies

Gold grade > 2g/t  
Peer comparison  
(Av valuation - \$57/oz)

6

companies

Sovereign risk  
Top 25 jurisdiction as per the  
Fraser Institute (2017)

4

companies

Metallurgy  
Metallurgical recoveries  
+90% recoveries

|                                      |  |  |  |  |
|--------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ASX TICKER                           | MZZ                                                                               | CAI                                                                                 | EAR                                                                                 | BGL                                                                                 |
| MARKET CAP (A\$ M) <sup>2</sup>      | \$28M                                                                             | \$59M                                                                               | \$131M                                                                              | \$316M                                                                              |
| RESOURCE SIZE (M oz Au) <sup>3</sup> | 1.0                                                                               | 1.1                                                                                 | 1.8                                                                                 | 1.8                                                                                 |
| RESOURCE GRADE (g/t Au)              | 2.2                                                                               | 2.4                                                                                 | 2.0                                                                                 | 11.1                                                                                |
| % OF RESOURCE - M&I                  | 65%                                                                               | 64%                                                                                 | 76%                                                                                 | 0%                                                                                  |
| OP, UG, BOTH                         | Both                                                                              | Both                                                                                | OP                                                                                  | UG                                                                                  |
| LOCATION                             | Newfoundland                                                                      | WA                                                                                  | WA                                                                                  | WA                                                                                  |
| METALLURGICAL TESTWORK               | CIL - 96%                                                                         | CIL - 96%                                                                           | CIL - 92%                                                                           | CIL - 96% (hist.)                                                                   |
| EV / RESOURCE OZ <sup>4</sup>        | \$23                                                                              | \$46                                                                                | \$67                                                                                | \$164                                                                               |
| PROJECT STAGE                        | Exploration                                                                       | Exploration                                                                         | DFS                                                                                 | Exploration                                                                         |

<sup>1</sup> – Companies that have reported a global mineral resource

<sup>2</sup> – Market capitalisation information is based on the shares on issue and closing price on the ASX as at 9<sup>th</sup> July 2019

<sup>3</sup> – Cut off grade applied in mineral resource estimate – MZZ: 0.5g/t Au, CAI: 0.8g/t Au, EAR: 0.5-1.0g/t Au, BGL: 3.5g/t Au

<sup>4</sup> – Based on market capitalisation divided by attributable resource size

<sup>5</sup> – Source: S&P Global, company reports

# NEWFOUNDLAND

**108,886km<sup>2</sup>**

island off Canada's east coast

**528,000** POPULATION

skilled work force

**Major industries**

forestry, fishing and tourism

**Infrastructure**

world-class roads, power and water

**Deep water port**

Cap Ray Project 25km from Port Aux Basques

**#11**

2018 Fraser Institute Global  
Investment Attractiveness Index



# GOLD ON THE CAPE

## Cape Ray Project Overview



**MAJORITY OF GOLD DISCOVERED IN NEWFOUNDLAND IS ALONG THE CAPE RAY SHEAR <sup>1</sup>**

### Strong existing platform for growth

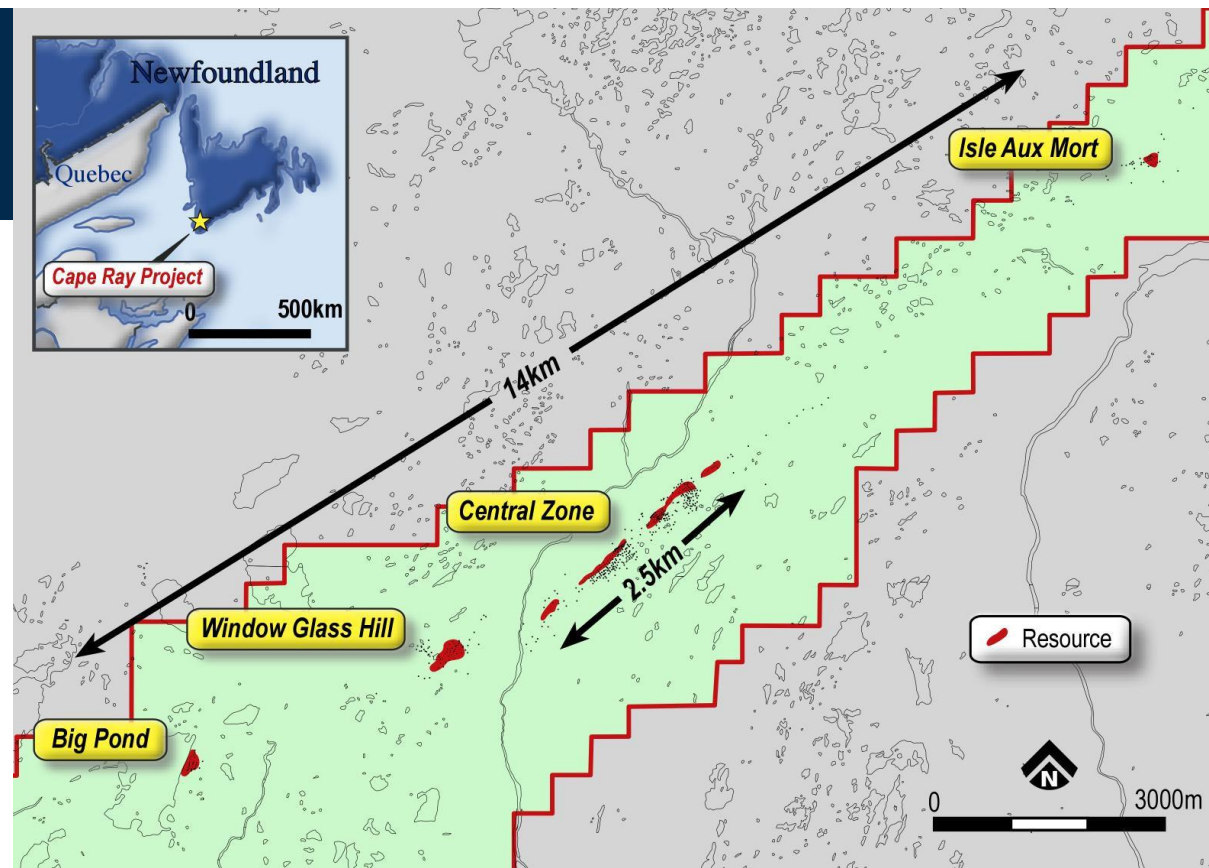
- JORC (2012) Resource – 1.02M oz at 2.2g/t<sup>2</sup>
- Dominant position in southern shear - 65km of strike
- Metallurgical test work – Average recoveries (96% - CIL)<sup>3</sup>
- Environmental permitting well progressed

### Resource contained in four deposits along 14km of strike

- Majority of drilling <120m from surface
- Open pit and underground potential

### Significant greenfield exploration opportunity

- Little modern exploration across majority of ground (>5km explored)
- New targets being generated – expansion program underway



1 – Cape Ray Shears or secondary structures(splays)

2 – ASX Announcement 30<sup>th</sup> January 2019

3 – ASX announcement 31<sup>st</sup> January 2019

# CENTRAL ZONE

Cornerstone for future development

2.5KM OF STRIKE & OPEN IN ALL DIRECTIONS

## JORC (2012) Resource – 810koz at 2.6g/t Au<sup>1</sup>

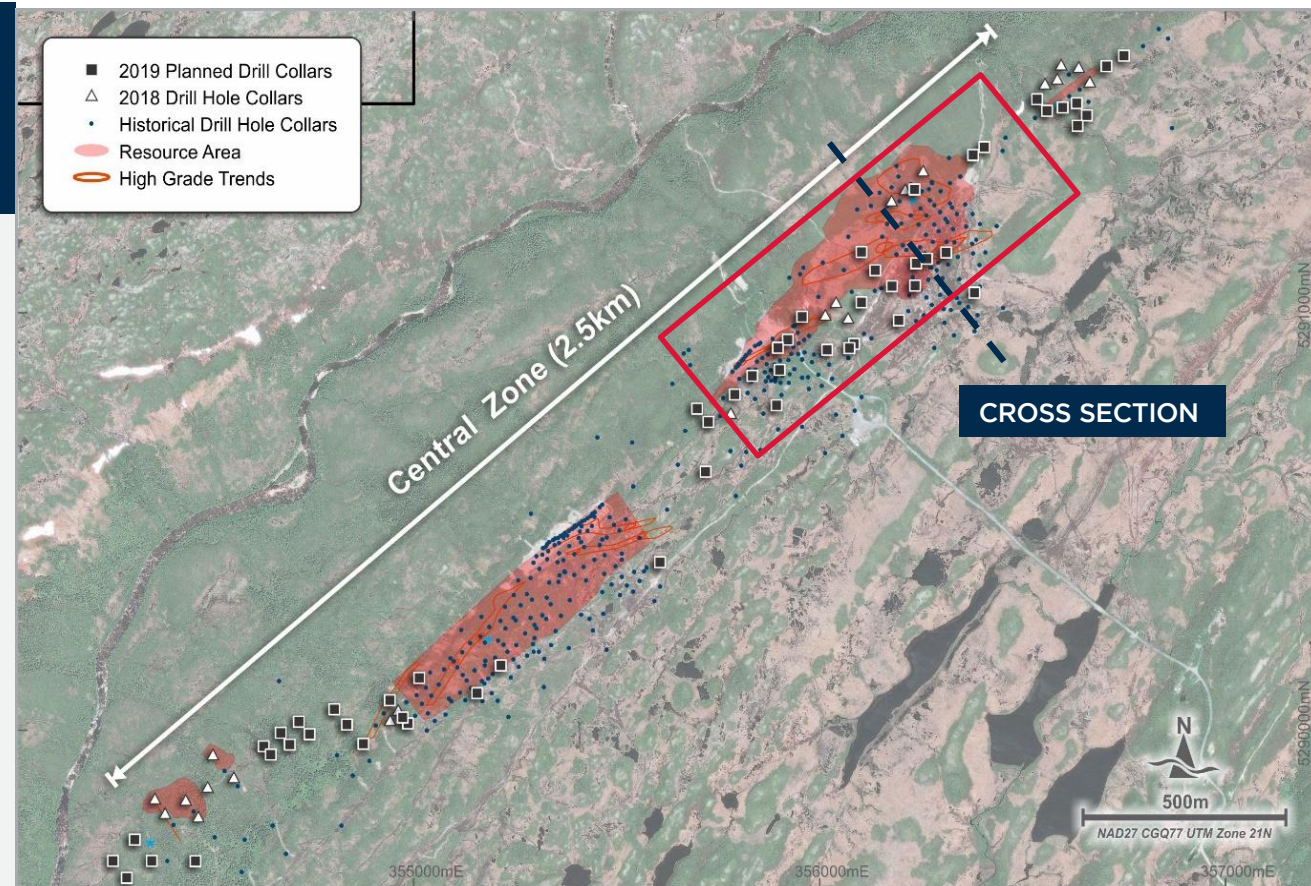
- Historically modelled as numerous small projects, recent drilling indicates a single system

## Significant open pit & under ground potential

- Resource <100m – 3.9Mt at 2.75g/t – 350koz<sup>1</sup>
- Resource <200m – 8.2Mt at 2.45g/t – 644koz<sup>1</sup>

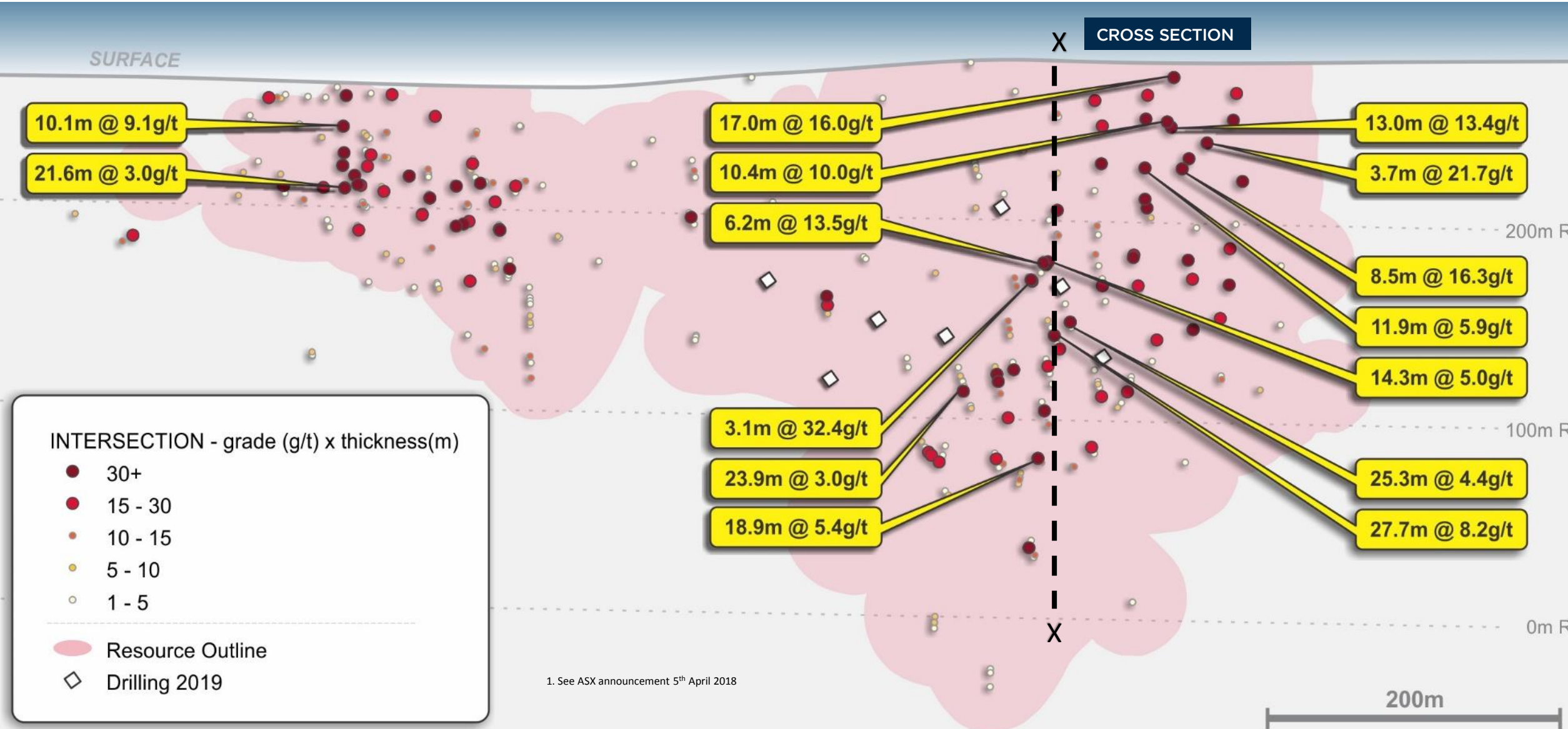
## Major focus for 2019 drill program – underway

- 9,000m of RC and diamond drilling
- Targets – gaps, strike and high grade extensions



# CENTRAL ZONE

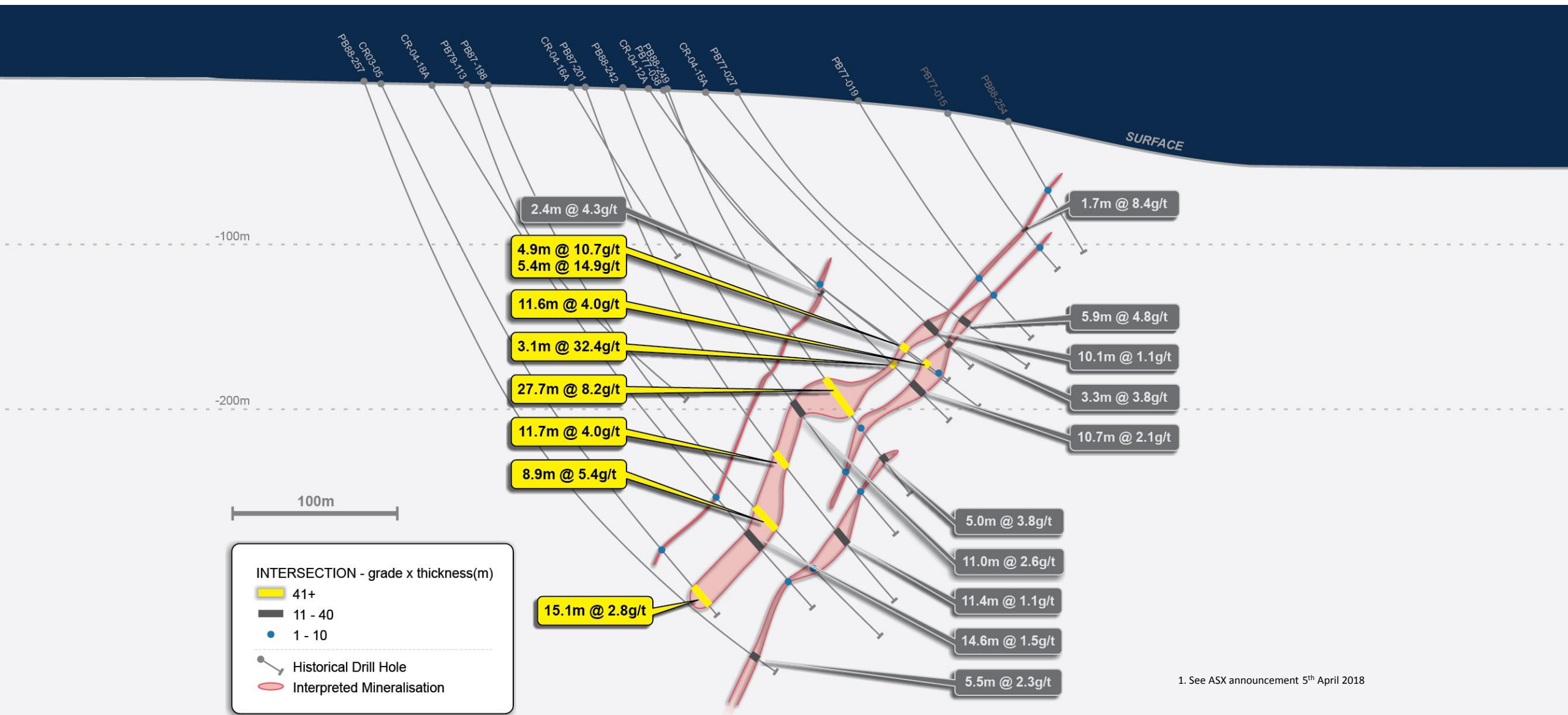
Shallow high-grade resource highlights open-pit potential<sup>1</sup>



1. See ASX announcement 5<sup>th</sup> April 2018

# CAPE RAY CENTRAL ZONE

Cross section of mineralisation<sup>1</sup>



1. See ASX announcement 5<sup>th</sup> April 2018

# WINDOW GLASS HILL

Significant potential for large tonnage deposit

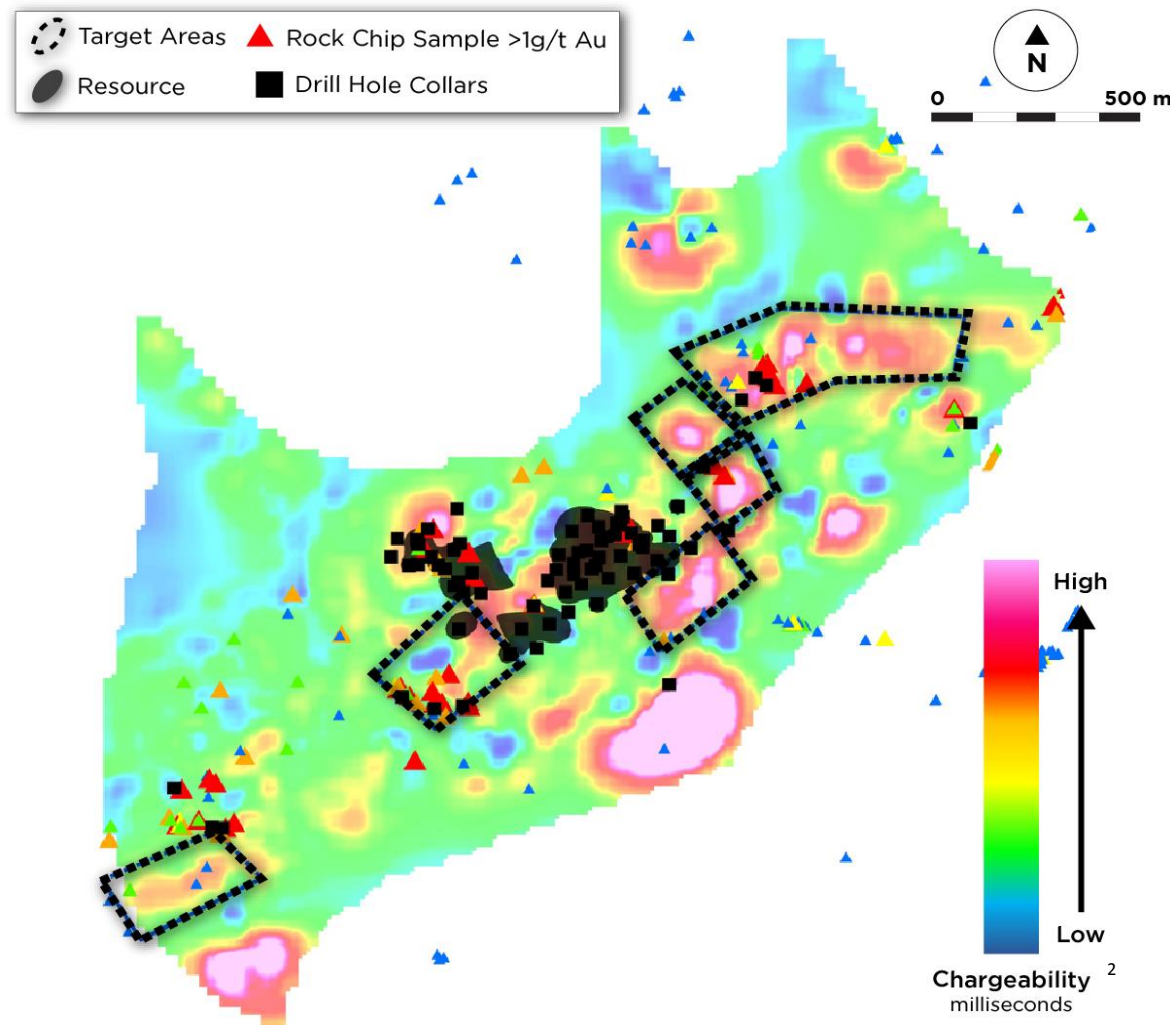
## UNDER EXPLORED DEPOSIT WITH SIMILAR CHARACTERISTICS TO 4.2MOZ GOLD PROJECT

### Same geological setting as 4.2Moz Valentine Lake Gold Project

- Current Resource – 134koz Au at 1.2g/t<sup>1</sup>
- Large granite intrusion
- Second order structures from Cape Ray shear
- Shallow dipping sheeted veins with gold tenor
- Six high-priority geophysical anomalies identified which align to geochem and structural geology – no drilling to date

### Priority two for current drill program

- 1,500m of drilling planned targeting extensions
- Probable expansion of drill program to test geophysical anomalies



# UNTOUCHED EXPLORATION POTENTIAL

60km of untested greenfield exploration<sup>1</sup>

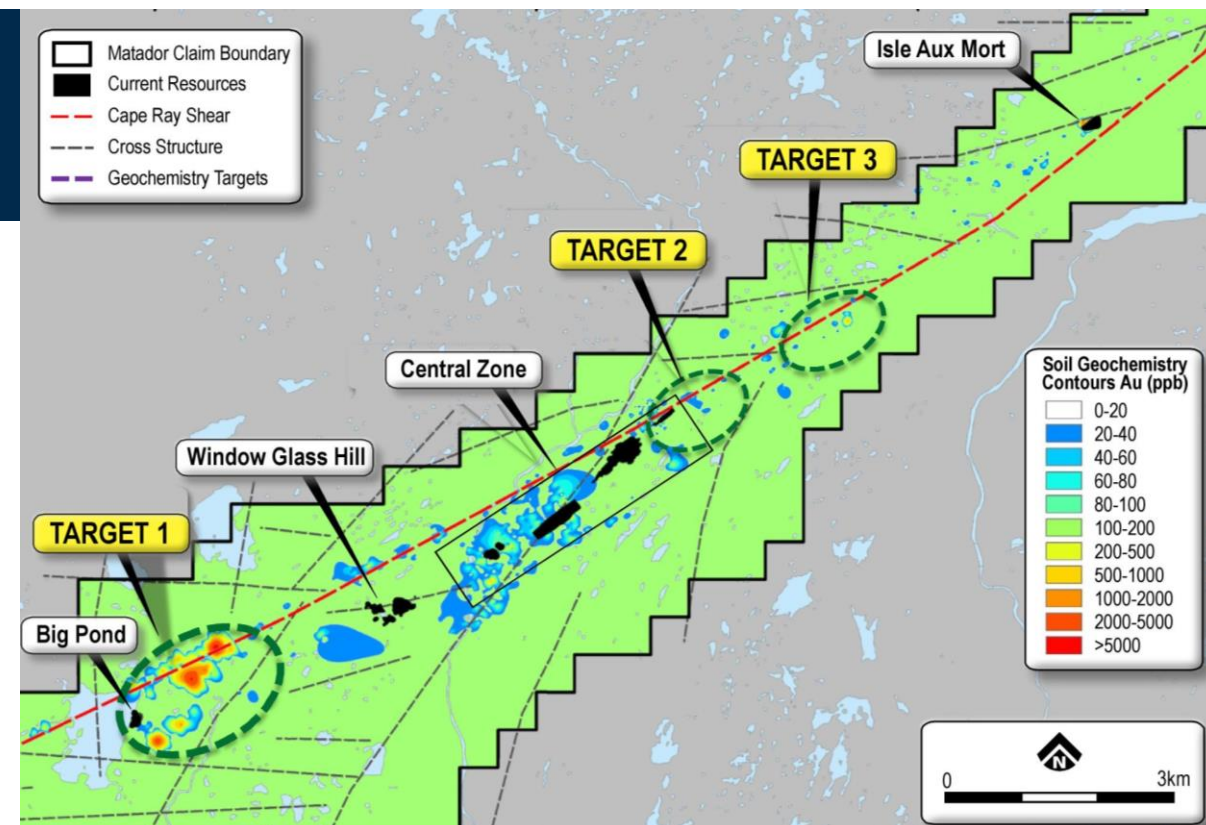
## LIMITED HISTORICAL EXPLORATION UNTESTED BY MODERN TECHNIQUES

### Significant greenfield exploration programs underway

- 3 drill test targets identified
- Based on structural mapping – existing deposits hosted along the Cape Ray Shear or second order structures (splays)
- Geochemical sampling (combination of historical and new) – identification of surface anomalies<sup>2</sup>
- 1,500m drill program planned

### Identifying new priority target

- Further geophysical, structural mapping and rock chip / soil sampling at existing and new anomalies
- Follow up on historical hits with new techniques



# NEWFOUNDLAND'S GOLDEN CAPE

De-risked project provides value opportunity



## RESOURCE<sup>1</sup>

1.02Moz at  
2.2g/t Au

## DRILLING

12,000m program  
underway

## FULLY FUNDED

\$4.9M cash  
position

## SIGNIFICANT

Greenfield  
potential

## EV / RESOURCE OZ

MZZ (\$23/oz) vs.  
Peers (\$57/oz)

(see slide 5)

## STRONG NEWS FLOW THROUGH 2019 AND BEYOND

2019

2020

Q2 

Recommence  
exploration

Q3 

On-going exploration  
assay results

Q4 

Updated resource

Q1 

2020 exploration  
strategy

Q2 

Commence  
economic study



**ASX:MZZ**

**[matadormining.com.au](http://matadormining.com.au)**



# APPENDIX 1

## Corporate Snapshot - MZZ:ASX

### CAPITAL STRUCTURE

**98.6m**

Shares on Issue

**~28m**

Market Cap at A\$0.29

**~4.9m**

Cash as at June 18 Qtr

**77.1m**

Options  
(\$0.20 – 0.75)

### BOARD AND MANAGEMENT

**Keith Bowes** Executive Director - Technical

**Adam Kiley** Executive Director - Corporate

**Grant Davey** Non-Executive Director

**Alf Gillman** Geological Consultant

**Stuart McKenzie** Company Secretary



# APPENDIX 2

## JORC Resource<sup>1</sup>

|               | INDICATED |                   |          | INFERRED |                   |          | TOTAL |                   |          |
|---------------|-----------|-------------------|----------|----------|-------------------|----------|-------|-------------------|----------|
|               | MT        | GRADE<br>AU (G/T) | KOZ (AU) | MT       | GRADE<br>AU (G/T) | KOZ (AU) | MT    | GRADE<br>AU (G/T) | KOZ (AU) |
| CENTRAL ZONE  | 7.69      | 2.7               | 660      | 2.03     | 2.3               | 150      | 9.72  | 2.6               | 810      |
| ISLE AUX MORT | -         | -                 | -        | 0.78     | 2.4               | 60       | 0.78  | 2.4               | 60       |
| BIG POND      | -         | -                 | -        | 0.11     | 5.3               | 18       | 0.11  | 5.3               | 18       |
| WGH           | -         | -                 | -        | 3.64     | 1.2               | 134      | 3.64  | 1.2               | 134      |
| TOTAL         | 7.69      | 2.7               | 660      | 6.56     | 1.7               | 360      | 14.25 | 2.2               | 1,020    |

# APPENDIX 2

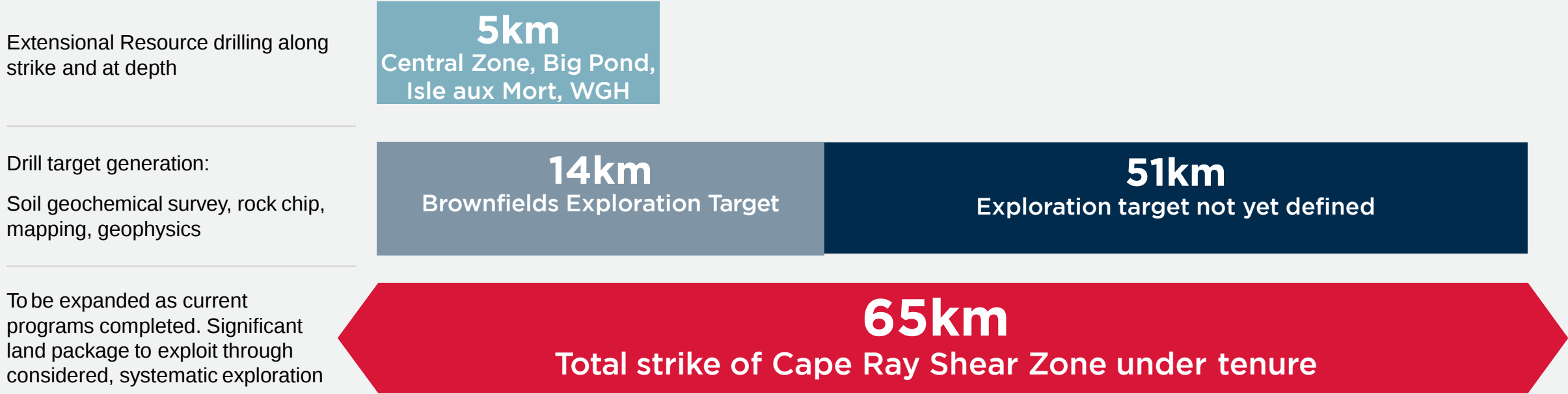
## Exploration Target

**Exploration Target of 30 to 36 million tonnes at a grade range of 1.4 to 2.4 g/t Au for 1.3Moz to 2.8Moz<sup>1</sup>**

*The potential quantity and grade of the Exploration Target is conceptual in nature and therefore is an approximation. There has been insufficient exploration to estimate a Mineral Resource across the entire Project and it is uncertain if further exploration will result in the estimation of a Mineral Resource across the entire Project and it is uncertain if further exploration will result in the estimation of a Mineral Resource across the entire Project.*

**Considers 35% of the total strike extent**

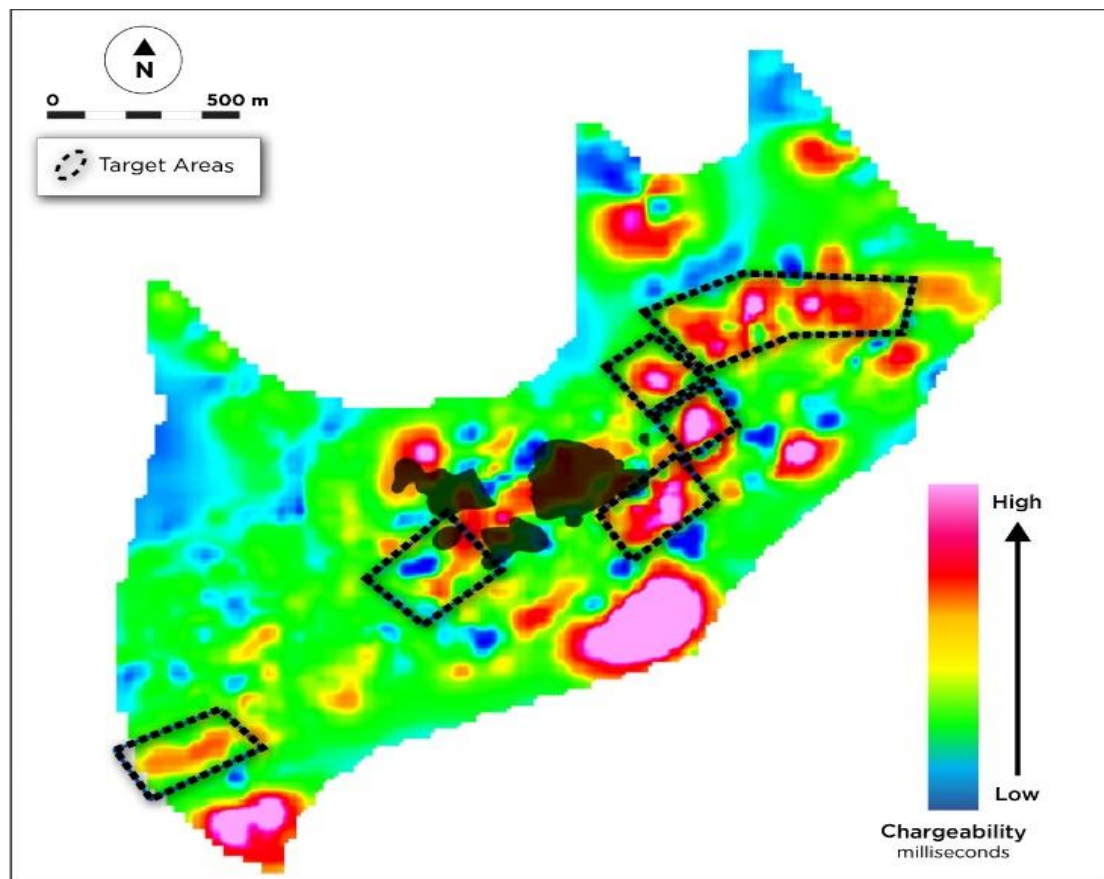
**Conservative discovery and productivity metrics assumed**



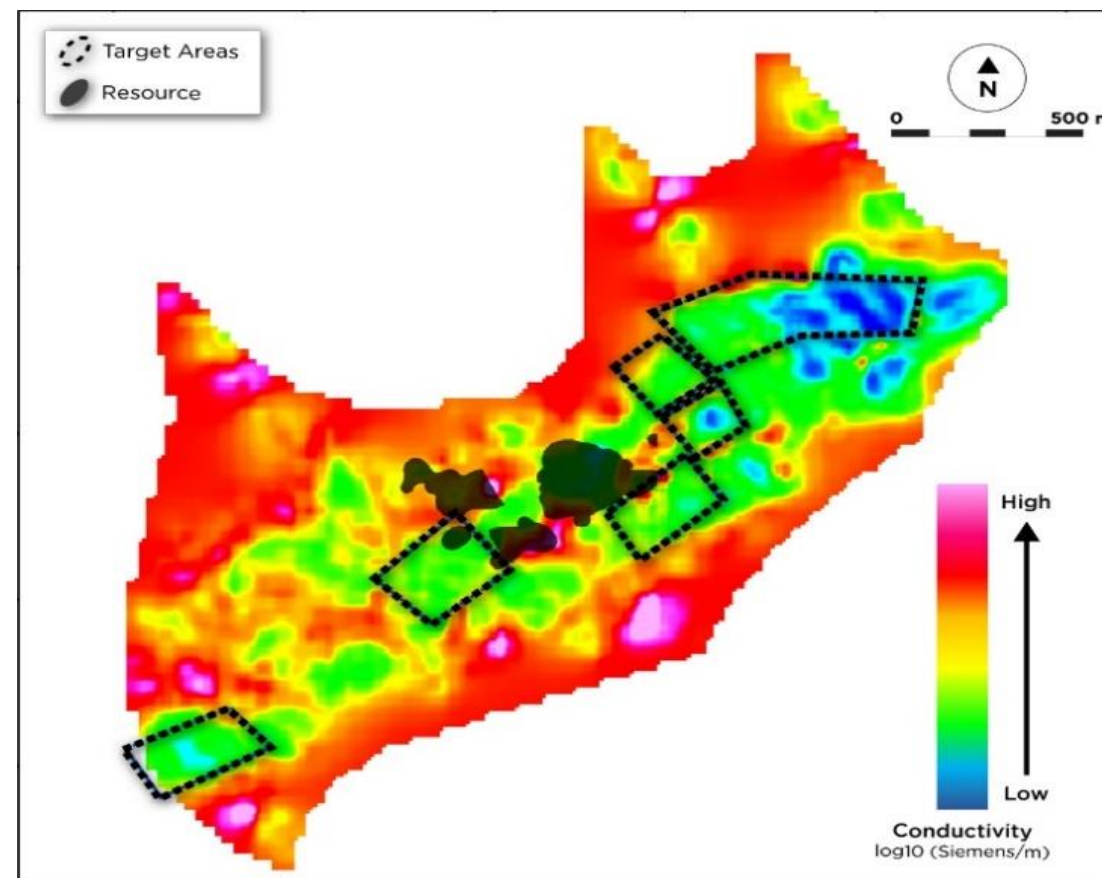
# APPENDIX 4

## Window Glass Hill - Geophysics

**CHARGEABILITY<sup>1</sup>**  
(Highs - sulphide mineralisation)



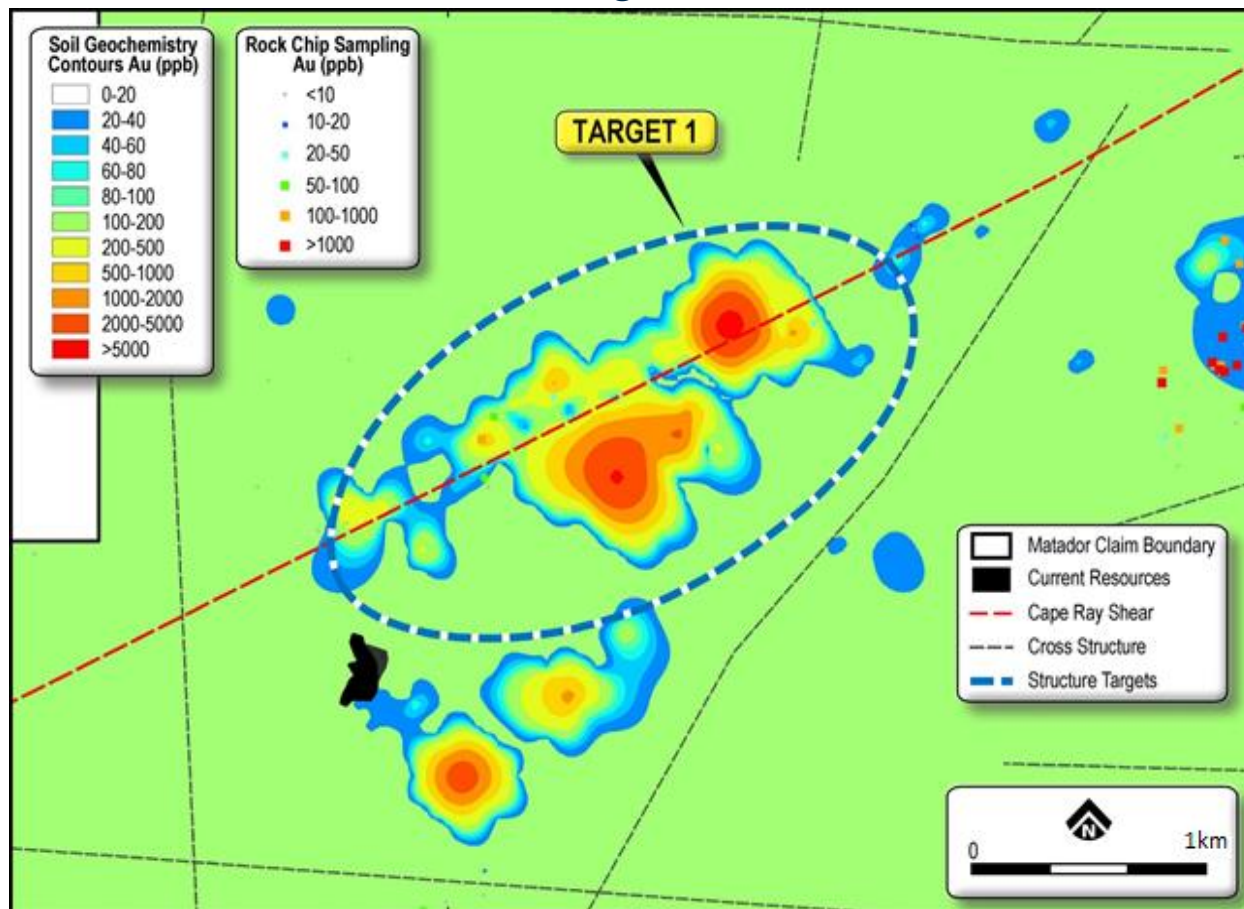
**CONDUCTIVITY<sup>1</sup>**  
(Lows - quartz veining and fault zones)



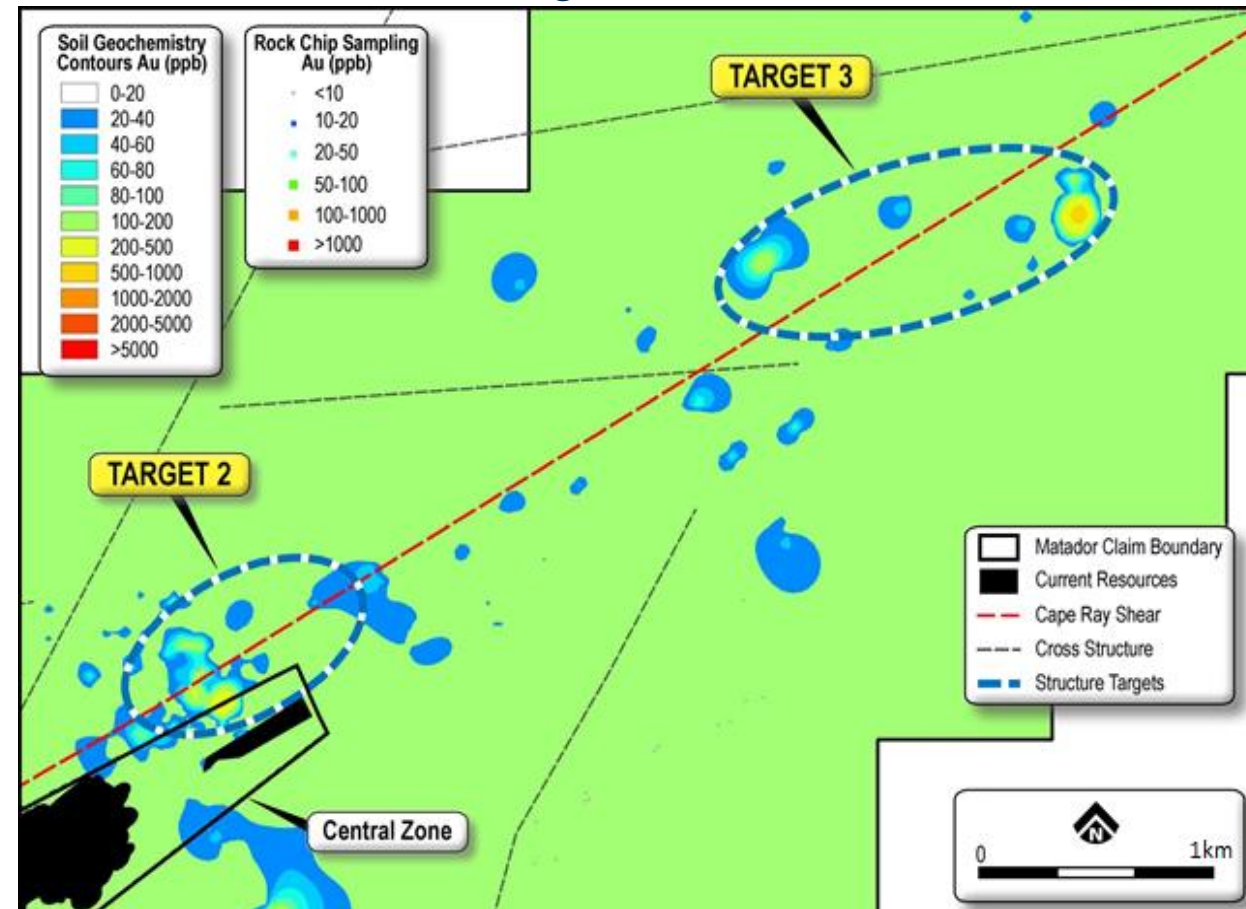
# APPENDIX 5

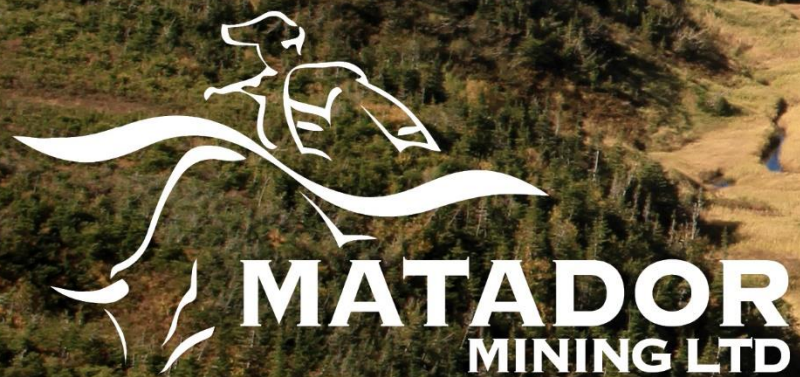
## Greenfield exploration – Geochem & structural geology<sup>1</sup>

Target 1



Target 2 & 3





**ASX:MZZ**

**[matadormining.com.au](http://matadormining.com.au)**

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