



**GATEWAY  
MINING LTD**

ASX Code:GML



**On the cusp of exciting  
new discoveries in 2024**

Taking the Montague Gold  
Project to the next level

RIU Fremantle | February 2024  
Mark Cossom, Managing Director

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## Competent Person Statement

- The information in this presentation that relates to Exploration Results and Mineral Resources has been extracted from various GML ASX announcements and are available to view on the GML website at [www.gatewaymining.com.au](http://www.gatewaymining.com.au) or through the ASX website at [www.asx.com.au](http://www.asx.com.au) (using ticker code "GML")
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# Unparalleled Value Proposition

## in a Tier-1 Exploration Destination

### TIER-1 LOCATION



- 1,000km<sup>2</sup> Montague Gold Project, 800km NE of Perth

### GOLD PRICE LEVERAGE



- Current Mineral Resource totaling 526,000oz (Indicated and Inferred<sup>1</sup>)<sup>2</sup>
- Currently trading at ~\$10 EV / Resource Ounce

### CLEAR STRATEGIC FOCUS



- Actively exploring for step-change discoveries
- Striving to create value, in an under-explored part of WA

### MAJOR DISCOVERY FOCUS



- Major 2023 geological and target generation study now bearing fruit
- New gold discovery – Duplex 18m @ 5.0g/t Au
- Significant magmatic Cu-Ni-PGE targets and potential identified

### CORPORATE STRENGTH



- Experienced and successful technical team with strong track record
- Skillsets required for building successful companies
- Supportive top-20 shareholders



<sup>1</sup> 10,073,000 tonnes @1.6g/t for 526,000 ounces of contained gold. See ASX announcement dated 27 September 2022

<sup>2</sup> 507,000ozs attributable GML – 9,596,000t @ 1.6g/t for 507,000 ounces of contained gold. See ASX announcement dated 27 September 2022

# Corporate Summary

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## BOARD OF DIRECTORS



Debbie Fullarton	Non-Executive Chair
Mark Cossom	Managing Director
Trent Franklin	Non-Executive Director
Peter Lester	Non-Executive Director
Scott Brown	Non-Executive Director
Kar Chua	Company Secretary

## CAPITAL STRUCTURE



ASX Ticker	GML
Shares on issue	340,415,873
Executive Performance Options and Performance Rights	8,300,000
Cash balance as at 31 Dec 2023	\$1.93M
Share Price	\$0.021
Market Capitalisation	\$7.15M
Enterprise Value	\$5.22M

## MAJOR SHAREHOLDERS



Harmanis Holdings	10.19%
OMNI GeoX	5.08%
Zozo Capital	3.25%
Enable Investment	2.72%
Top 20	41.73%
Directors (Directly & Indirectly)	11.32%

# Highly Successful and Experienced Leadership Team

**Mark Cossom**  
Managing Director

- Executive Director since October 2019
- Geologist with +25-years experience in gold exploration, mine operations and corporate management
- Former General Manager - Geology & Exploration at Doray Minerals Ltd
- Former Principal Geologist (SE Asia) at Harmony Gold Ltd

**Debbie Fullarton**  
Non-Exec Chair

- Chartered Accountant with +30 years experience in various senior corporate and financial roles
- Former Chief Executive Officer of Westgold Ltd
- Former Director of Auris Minerals Ltd
- Director of De Beers Australia Exploration Ltd

**Trent Franklin**  
Non-Exec Director

- Experienced Corporate Advisor holding qualifications in Geology and Finance
- Managing Director of Enrizen Financial Group
- Non-Executive Director of Strickland Metals Ltd
- Former Director of the Australian Olympic Committee Inc. and Australian Water Polo Inc.

**Peter Lester**  
Non-Exec Director

- Mining Engineer with +40 years experience in various senior operational and corporate roles with Newcrest Mining Ltd, Oxiana/OZ Ltd and Citadel Resources Group Ltd
- Former Non-Executive Chair of Doray Minerals Ltd
- Non-Executive Chair Helix Resources Ltd and Aurora Energy Metals Ltd

**Scott Brown**  
Non-Exec Director

- Company Director with +25 years of broad experience in both the public and private sector

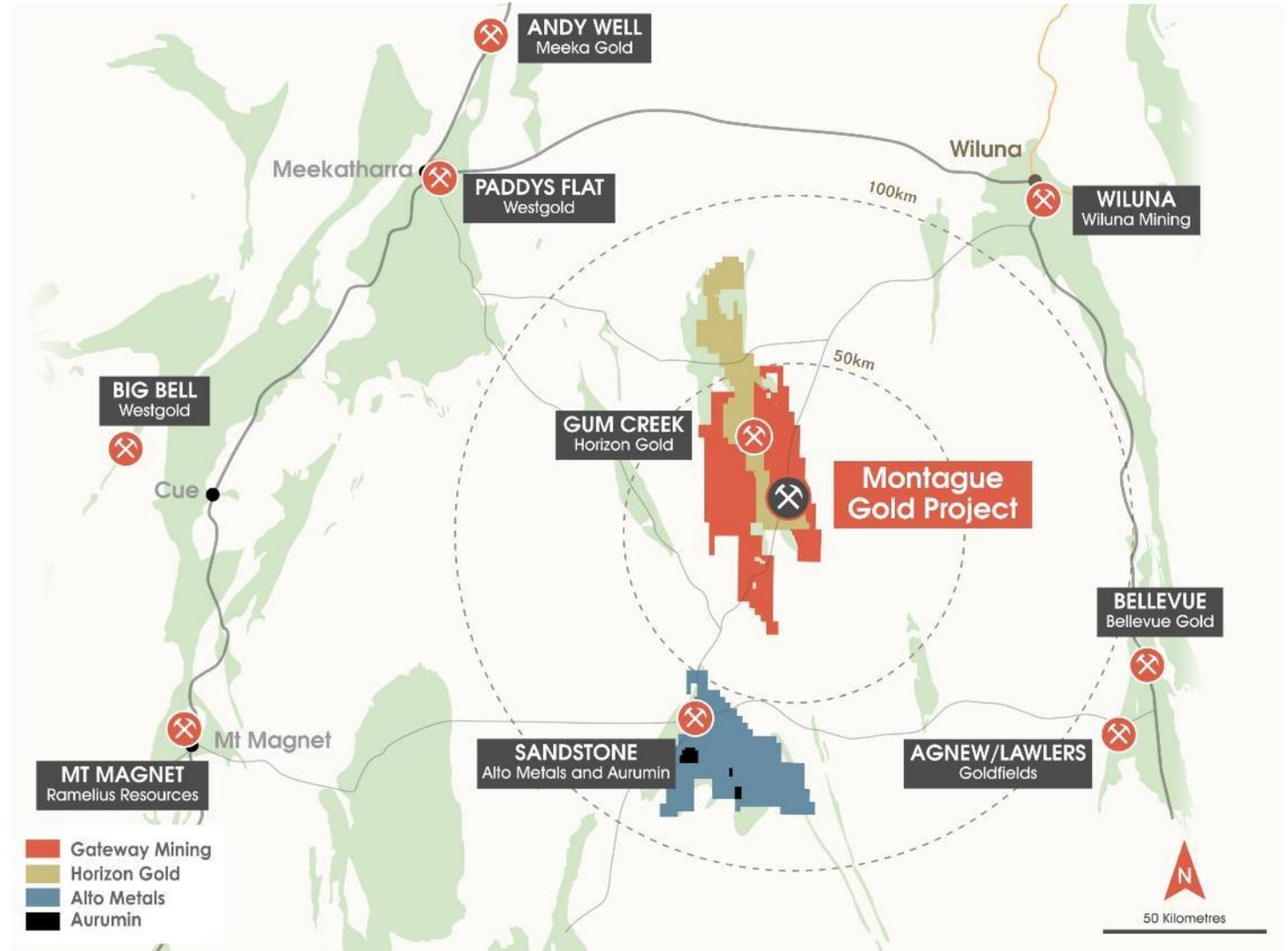
**Peter Langworthy**  
Technical Consultant

- +35-year experienced explorer and project developer
- Led the highly successful exploration team at nickel producer Jubilee Mines Ltd
- Former Technical Director of Talisman Mining Ltd
- Founding Director of Capricorn Metals Ltd
- Founding Director of Northern Star Resources Ltd



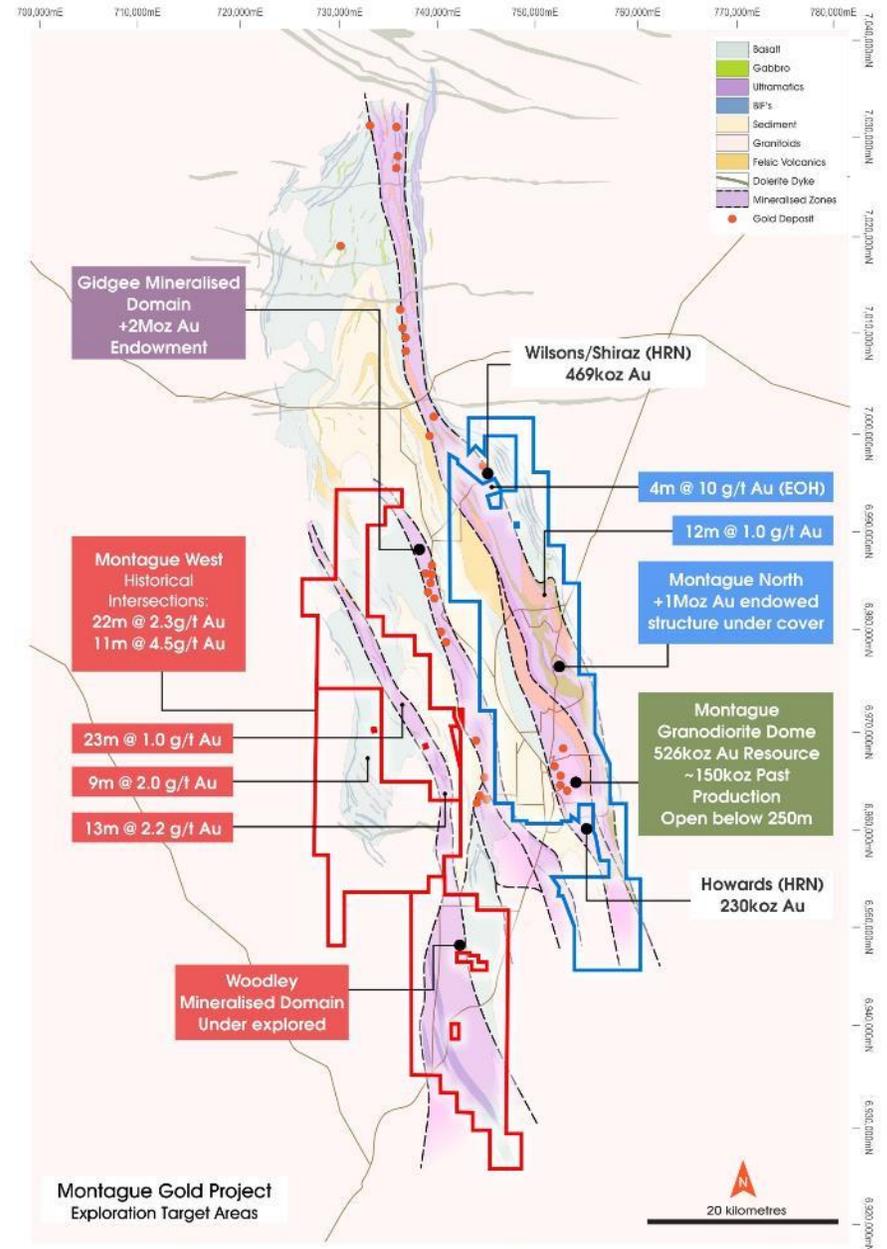
# Tier 1-Location

Great address, prime position for consolidation



# Step-Change Discovery Focus

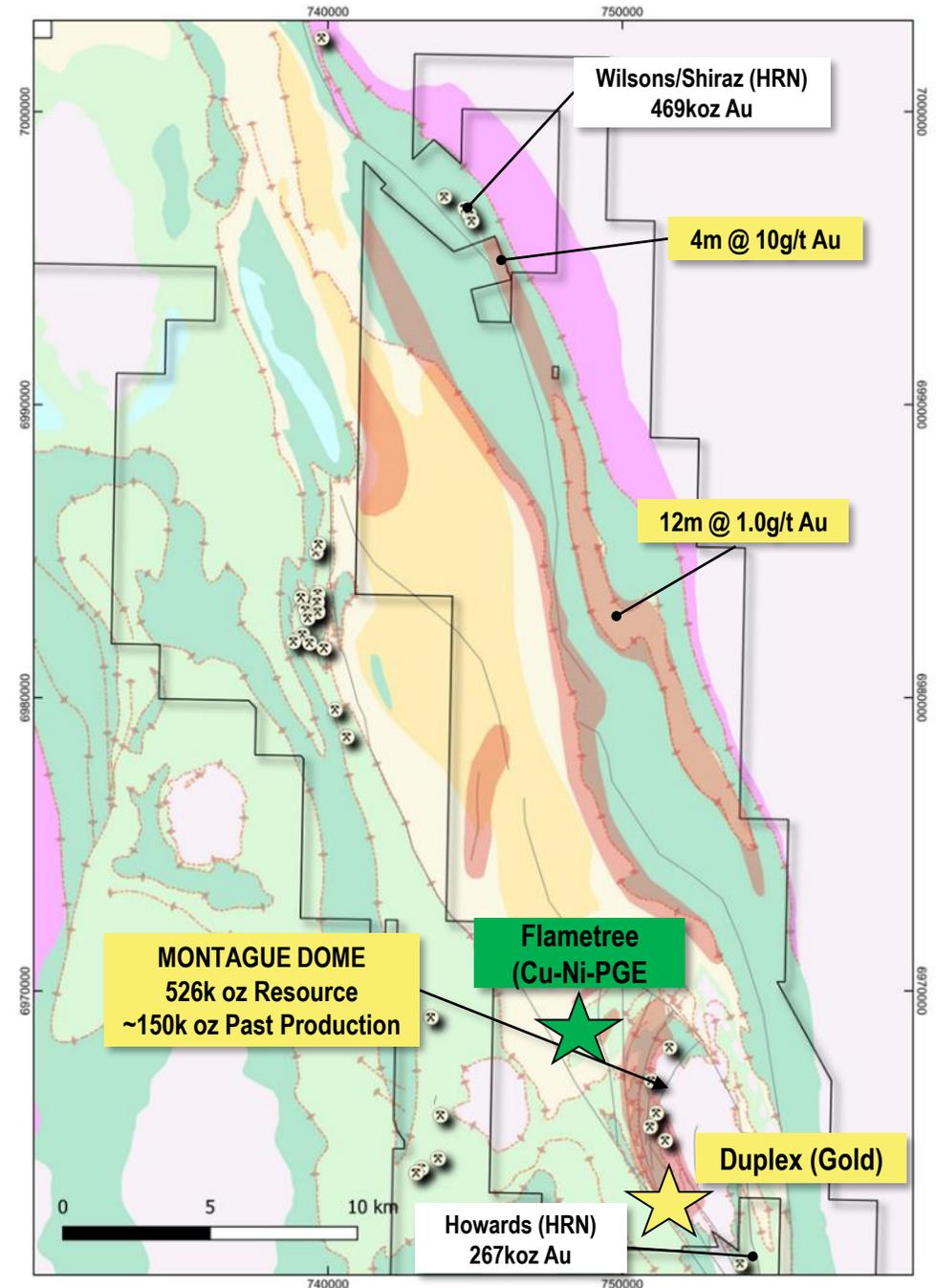
## Taking Montague to the next level



# Project-Wide Targeting Study

Aiming to unlock potential across the entire Project

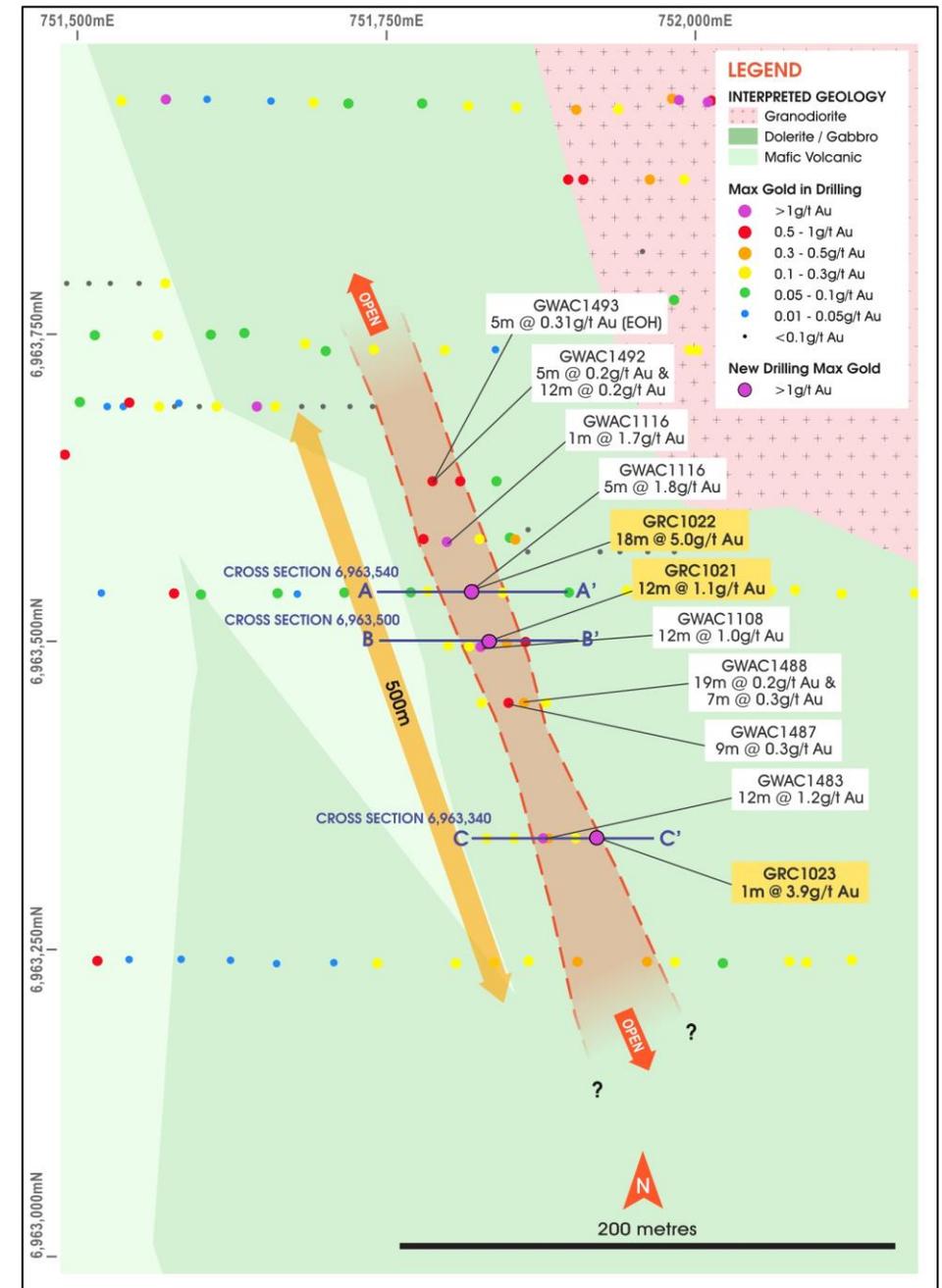
- Project-wide study completed by consultants Model Earth Pty Ltd
- Focus on key structural controls and geochemical anomalism along prospective gold-bearing domains
- Seismic survey completed highlighting prospective zones below existing Resources, resulting in a major re-think of much of the stratigraphy
- Key rock types and geological domains identified for follow-up targeting
- Large-scale geochemical and scout drilling programs completed
- **This work has identified significant new target areas at Duplex (gold) and Flametree (magmatic Cu-Ni-PGE)**



# Duplex

An exciting new target area with room to grow

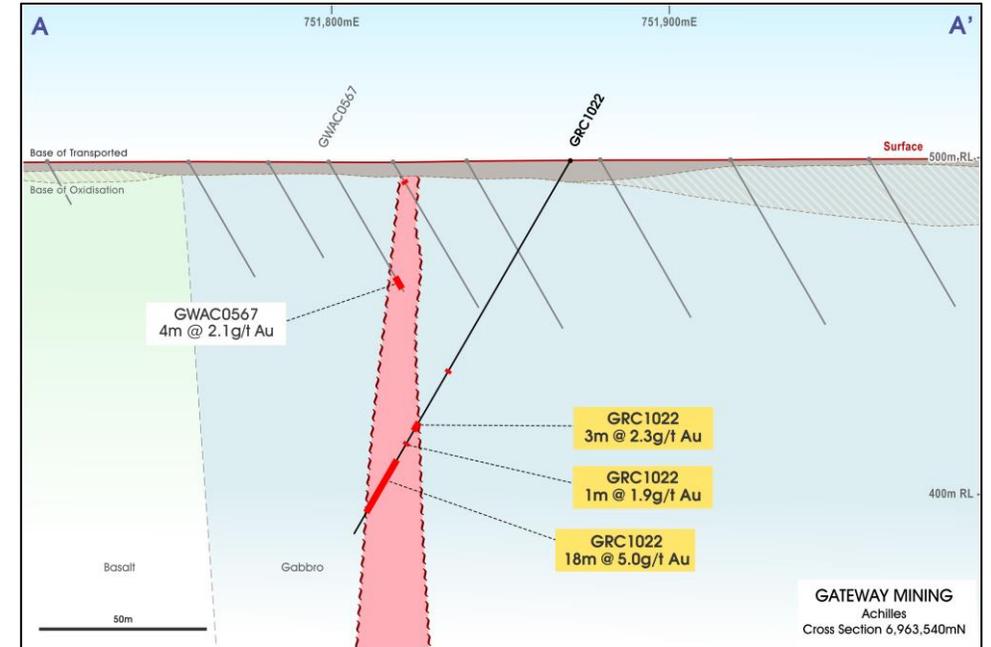
- New structure within prospective gabbro/dolerite unit
- Located on highly endowed western margin of Montague Dome
- Along strike of the Montague-Boulder, Achilles Mineral Resources
- Potential new geological host within a large-scale gold system
- Identified from regional air-core drilling
  - GWAC0567: 4m @ 2.1g/t Au from 40m
  - GWAC1483: 12m @ 1.2g/t Au from 28m
  - GWAC1488: 19m @ 0.2g/t Au from 4m
- First-pass RC drilling successfully intersected primary mineralisation:
  - GRC1022: 18m @ 5.0g/t Au from 103m
  - GRC1021: 12m @ 1.1g/t Au from 94m
- Follow-up RC drilling recently completed, assays pending
- Highlights the exciting potential for significant discoveries at Montague



# Duplex

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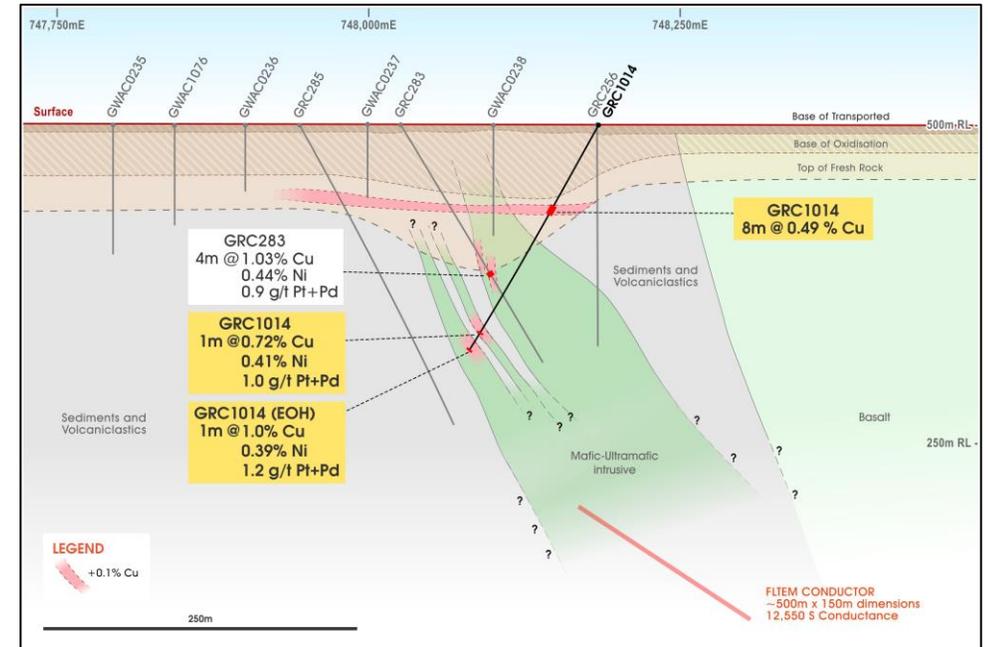
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# Flametree Cu-Ni-PGE Target

Compelling new interpretation confirmed with recent drilling

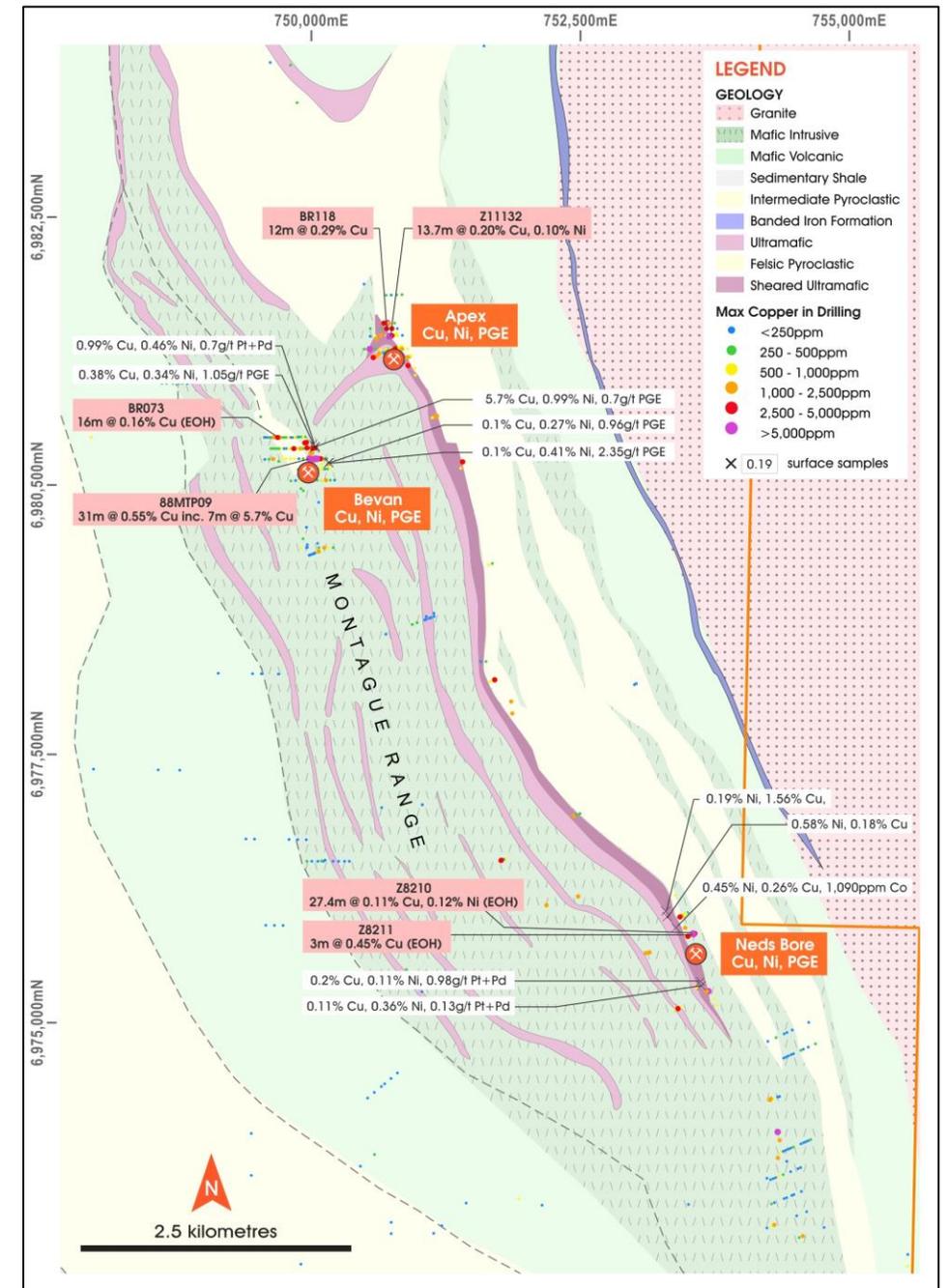
- 2-dimensional seismic survey and associated drilling led to re-interpretation of Flametree stratigraphy
- New geological model for 2013 Gateway RC massive sulphide intersection:
  - *GRC283: 4m @ 1.03% Cu, 0.44% Ni, 0.9g/t Pt+Pd, 426ppm Co from 137m*
- East-dipping mafic/ultramafic intrusive system confirmed with December RC drilling
- Magmatic mineralisation in sulphides intersected:
  - *GRC1014: 1m @ 0.72% Cu, 0.41% Ni, 1.0g/t Pt+Pd, 840ppm Co from 195m*  
*1m @ 1.00% Cu, 0.39% Ni, 1.2g/t Pt+Pd, 756ppm Co from 209m*
- Separate EM review highlighted significant (12,550S – 500m x 150m) modelled east-dipping conductor at depth down-dip of these intersections
- Diamond drilling underway to test modelled conductor plate
- Potential to open up a significant new exploration frontier at Montague



# Exciting Magmatic Cu-Ni-PGE Pipeline

## Larger-scale potential emerging

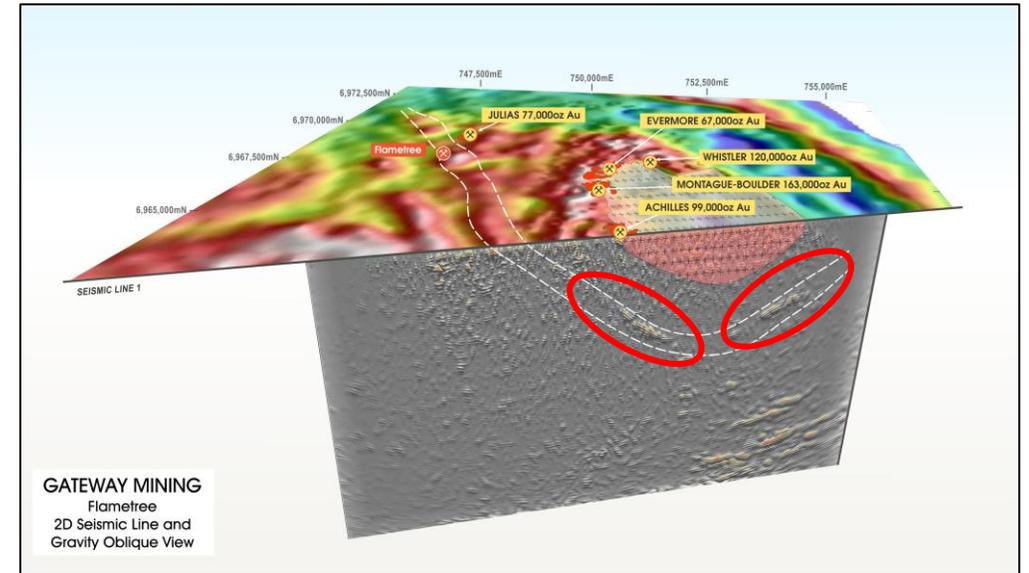
- Ongoing review highlighted untested magmatic style Cu-Ni-PGE prospects at Montague Range, 5km north-west of Montague Dome
- Several historic (1970/80's) prospect areas demonstrate magmatic Cu-Ni-PGE signatures:
  - Including 5.7% Cu, 0.99% Ni 0.7 g/t Pt+Pd (Bevan prospect)
- Only basic shallow drilling undertaken, highlighting presence of this style of mineralisation
- Limited modern geophysics completed – complete review underway (as undertaken at Flametree)
- Current fine-fraction soil sampling program covers this target area



# Exciting Magmatic Cu-Ni-PGE Pipeline

Larger-scale potential emerging

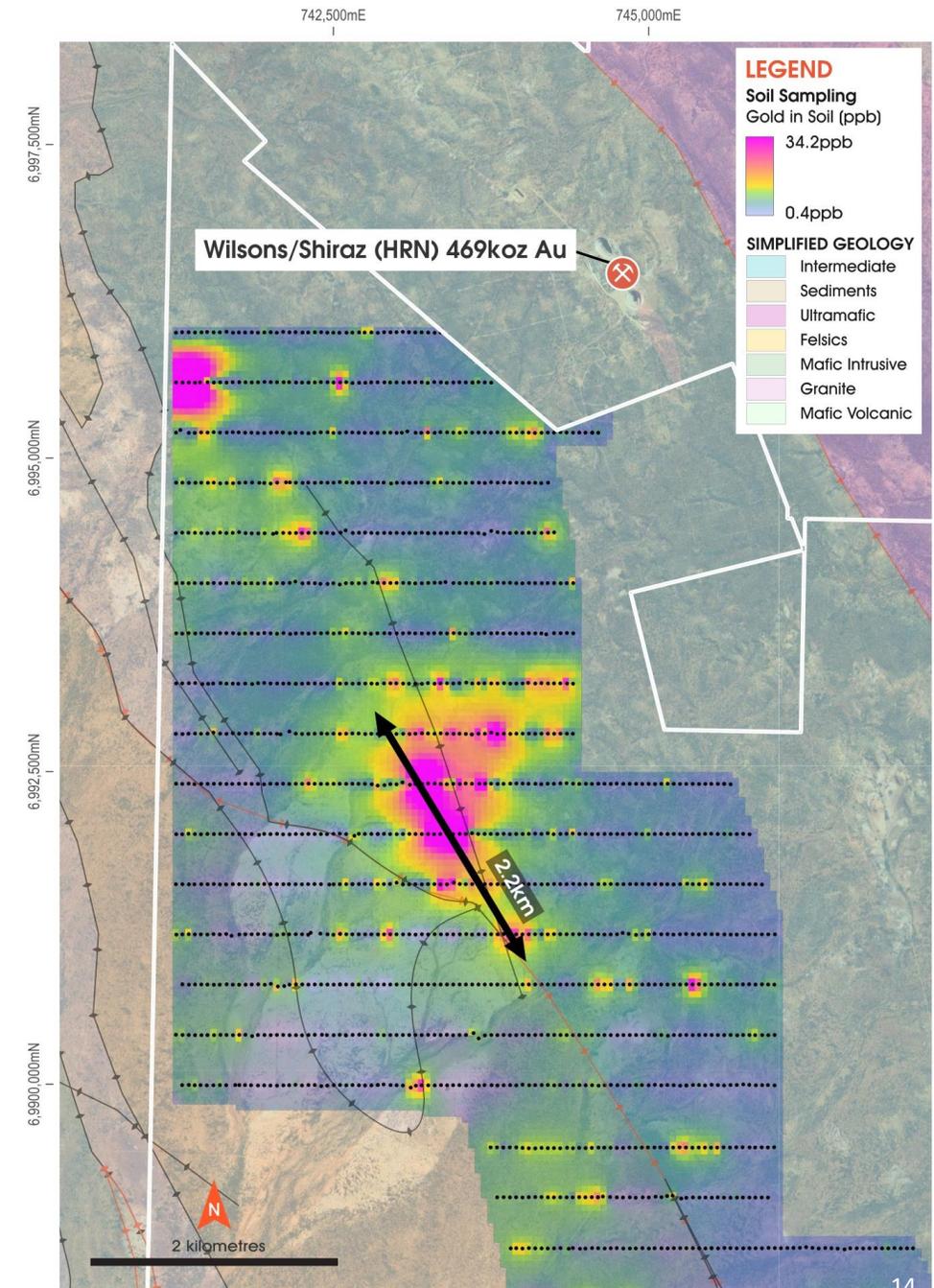
- 2-dimensional seismic survey highlighted significant reflectors below Montague Dome:
  - Potential for intrusive sills or even massive sulphides?
- Complementary to the identification of intrusions at Flametree:
  - Mapped intrusive units over significant +7km corridor
  - No previous magmatic Cu-Ni-PGE exploration
- Exciting exploration concept that can be advanced easily with gold exploration



# Montague North Soil Geochem Survey

First-pass exploration over +15km of strike extension

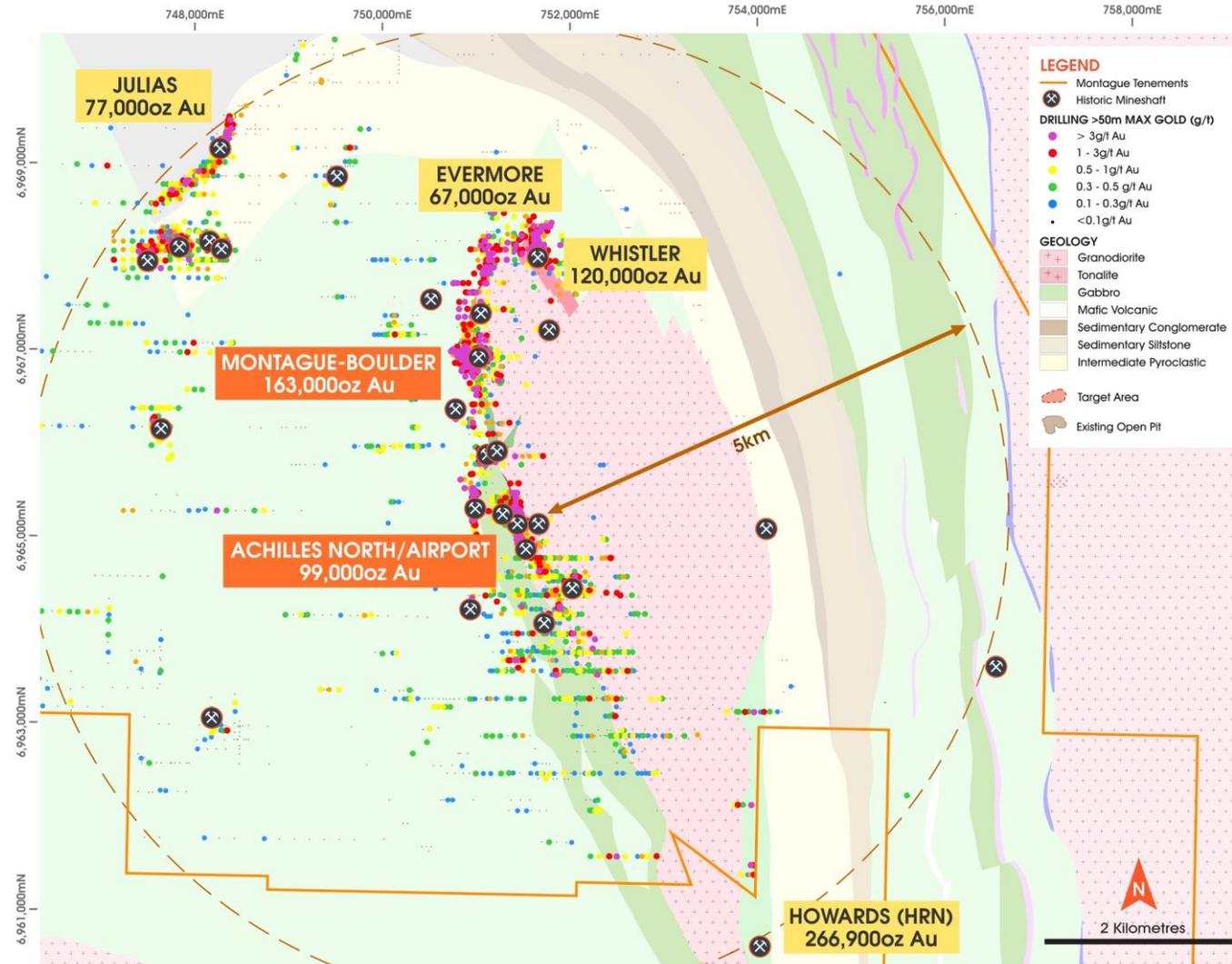
- Recently granted tenure at Montague North
- Strike extensions to Mineralised Tokay Shear obscured under cover
- First-pass soil geochemistry survey to test major area of interest
- Two new anomalies generated on sampled area:
  - MN01 – 2.2km x 1.2km. Dolerite-Sedimentary contact
  - MN02 – 600m x 200m (open west). Mafic-sedimentary contact
- In-fill sampling and heritage survey completed – results pending
- Air-core follow-up to be planned



# Over 526,000oz defined to date

## Further scope for growth of existing gold Resources

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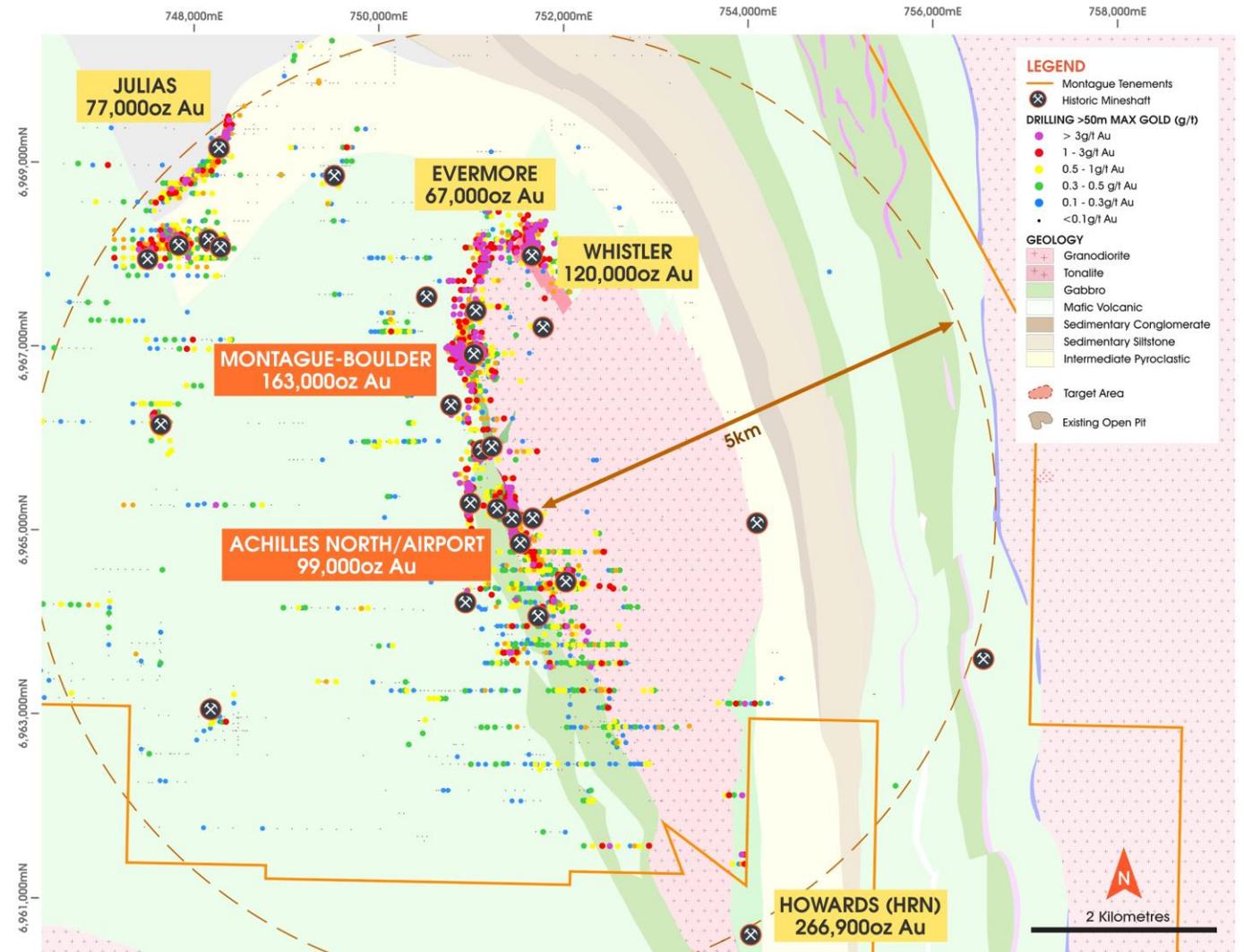


<sup>1</sup> 10,073,000 tonnes @1.6g/t for 526,000 ounces of contained gold. 507,000 ounces attributable GML. See ASX announcement dated 27 September 2022.

# Demonstrated Resource Growth

Building a strategic base through discovery

- Over 70% Resources located within upper 100m – shallow, high-grade ounces
- Includes high-grade Indicated Resource of 142,000oz at 2.1g/t<sup>1</sup>
- Maiden Resources for new discoveries Julias (77koz), Evermore (67koz) and Achilles North/Airport (99koz) delivered in 2022
- 4/5 Resources on granted Mining Leases
- Within ~ 150km of 4 operating plants
- Simple value proposition
  - Currently ~\$10 EV/Oz

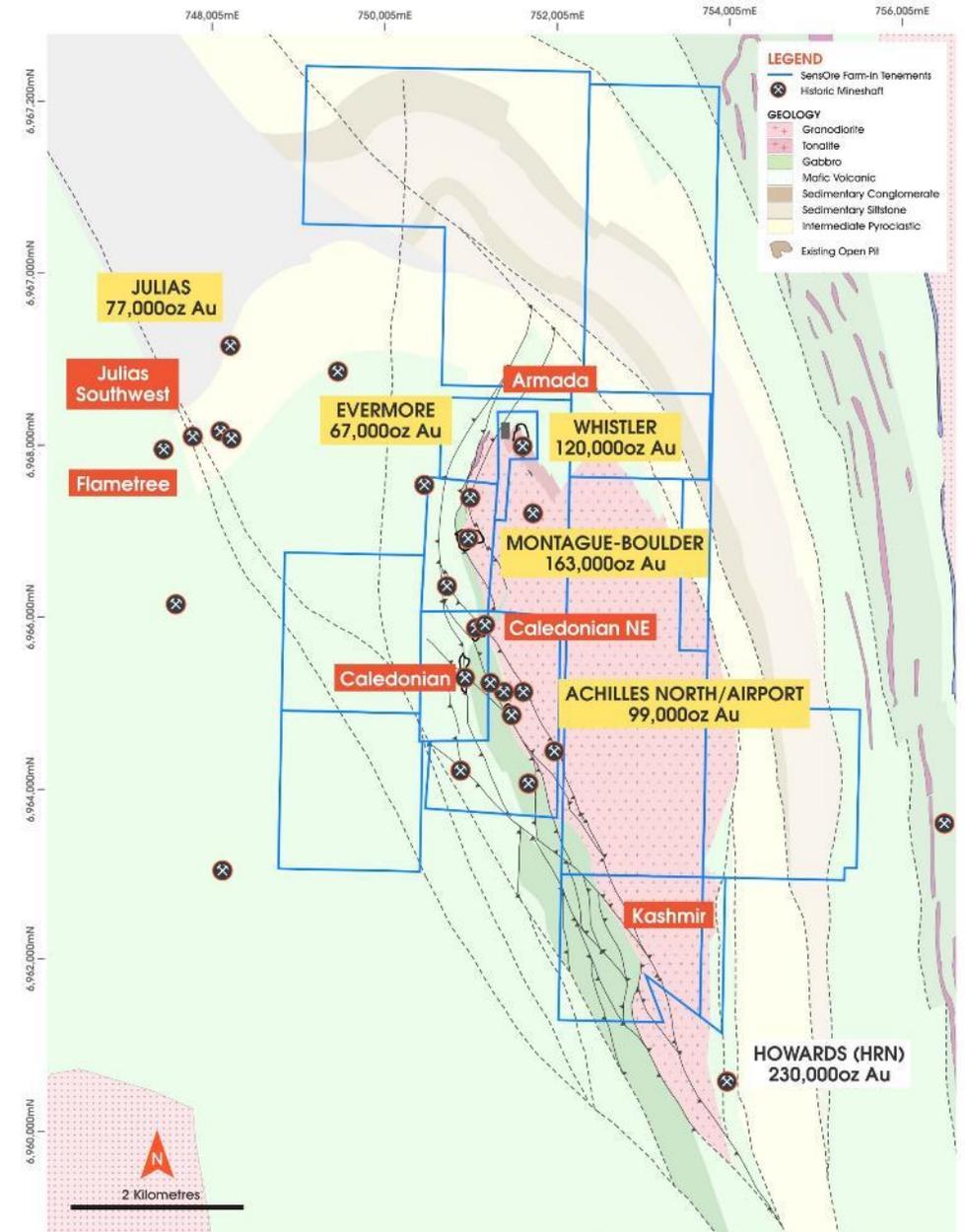


<sup>1</sup> 2,148,000 tonnes @ 2.1g/t for 142,000 ounces of contained gold. See ASX announcement dated 27 September 2022.

# SensOre Ltd – Li Exploration Farm-out

## Risk free exposure to lithium potential of Montague

- SensOre (ASX: S3N) to explore selected tenements for Li, utilizing their SensOre DPT<sup>®</sup> technology to generate targets
- SensOre Ltd entered into a farmin/JV agreement to earn up to 80% in Li (and by product) rights in selected tenements
- SensOre to use their proprietary SensOre DPT<sup>®</sup> artificial intelligence tool
- SensOre required to spend \$4.5m over 4.5 years, with a minimum 50% direct drilling costs, to earn 80% of Li (and by product) rights
- Gateway to retain 100% of other mineral rights, including gold and base metals
- Gateway free-carried to BFS
- Gateway retains a claw-back option to 30%



# Summary

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# Key Investment Takeaways

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## LOCATION



- Dedicated explorer in an unconsolidated Tier-1 district
- Several operating mines within 150km

## FOCUSED ON DISCOVERY



- Exciting new targets at Duplex (gold) and Flametree (Cu-Ni-PGE)
- Ongoing benefits of systematic targeting approach

## SHALLOW OUNCES, BIG SYSTEM

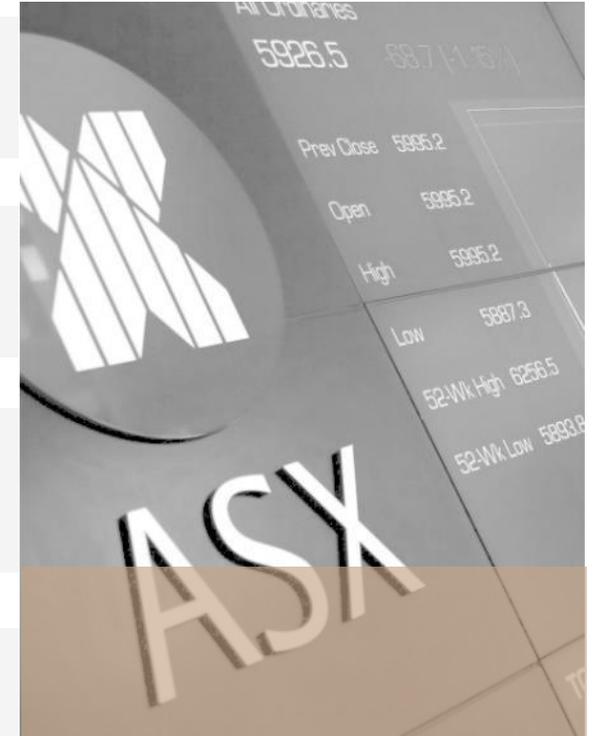


- Large under-explored gold system – 526,000oz<sup>1</sup> and growing
- Highly leveraged to a resurgent A\$ gold price

## SUCCESS



- Experienced and successful board and management team with strong track record and diverse skill set



<sup>1</sup> 10,073,000 tonnes @1.6g/t for 526,000 ounces of contained gold. 507,000 ounces attributable GML. See ASX announcement dated 27 September 2022.



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# Thank You



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