



**GATEWAY  
MINING LTD**  
ASX: GML

- Consolidation of well-endowed Gidgee gold tenure in WA
- Never exposed to modern exploration techniques
- Targeting further shallow oxide discoveries and barely-tested potential at depth

Creating value from advanced gold exploration in WA

**Resource Rising Stars**  
Peter Langworthy – February 2019

# Important Notice and Disclaimer



## Forward Looking Statements

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## Competent Person Statement

- The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled or reviewed by Mr Peter Langworthy who is a full-time employee of Gateway Mining Ltd and is a current Member of the Australian Institute of Mining and Metallurgy. Mr Peter Langworthy has sufficient experience, which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Langworthy consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.



# Corporate and Management



## CAPITAL STRUCTURE

<b>ASX Ticker</b>	<b>GML</b>
<b>Shares on Issue</b>	<b>918,095,994</b>
<b>Options attached to Entitlements Issue (3c)</b>	<b>63,684,593</b>
<b>Executive Performance Options</b>	<b>20,000,000</b>
<b>Cash @ 31<sup>st</sup> December 2018</b>	<b>\$1.3m</b>
<b>Share Price</b>	<b>\$0.014</b>
<b>Market Capitalisation</b>	<b>\$13m</b>

## Major Shareholders

<b>OMNI GeoX</b>	<b>14.41%</b>
<b>Harmanis Holdings</b>	<b>8.86%</b>
<b>L11 Capital</b>	<b>6.50%</b>
<b>Crest Investment Group</b>	<b>4.13%</b>
<b>Directors</b>	<b>3.79%</b>
<b>Other</b>	<b>62.31%</b>

## BOARD OF DIRECTORS

### Trent Franklin – Non-Exec Chairman

Corporate Advisor holding qualifications in Finance, Financial Planning and Insurance Broking. Trent also holds a BSc Degree (Geology/Geophysics) from the University of Sydney.

### Peter Langworthy – Managing Director

Experienced explorer and project developer: Jubilee Mines NL, WMC Resources Limited, Capricorn Metals Ltd and PacMin Mining Ltd. Peter led the exploration team that was responsible for numerous discoveries that supported the outstanding success of Jubilee Mines.

### Debbie Fullarton – Non Exec Director

Chartered Accountant with 25 years experience in senior roles including Executive Director, Chief Financial Officer and Financial Manager. Currently Chief Financial Officer for Westgold Ltd.

### Scott Brown - Non Exec Director

A Company Director with 25 years experience in Project Management, Business Development and Logistics across the commercial construction, security-risk management and resource sectors both in Australia and internationally.

### Kar Chua – Company Secretary

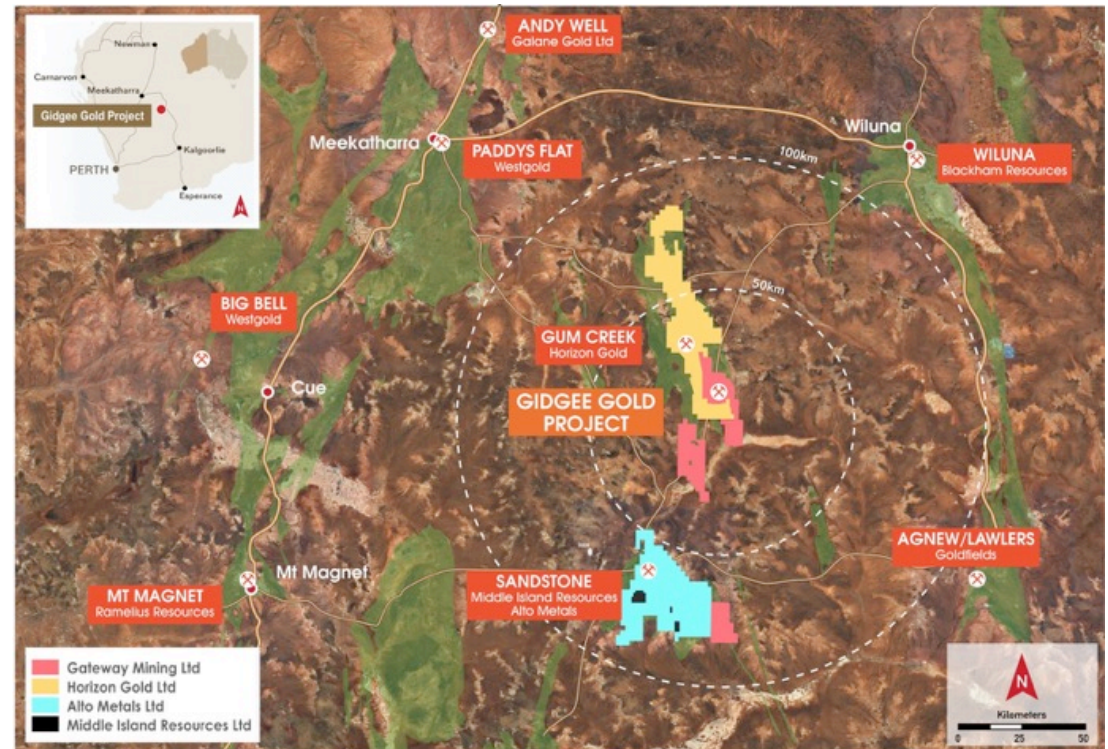
Chartered Accountant with extensive experience in company secretarial & finance roles.



# Gidgee Gold Project – Cornerstone Asset



- Large-scale gold system in a well-endowed gold region
  - Gum Creek Greenstone Belt (~2Moz)
- Virtually untested by modern exploration
  - Little deep testing beneath shallow oxide gold deposits
  - 150koz mined 1980's
  - Strong indications of high-grade mineralisation at depth
- Targeting high-grade gold in major shear systems on the margin of the granitoid intrusion
  - Granny Smith (+2Moz: Gold Fields)
  - Tarmoola-King of the Hills (2.3Moz: RED 5)
- Consolidated ground-holding of 700km<sup>2</sup>
- Core of granted Mining Leases
- Well-developed infrastructure throughout the region

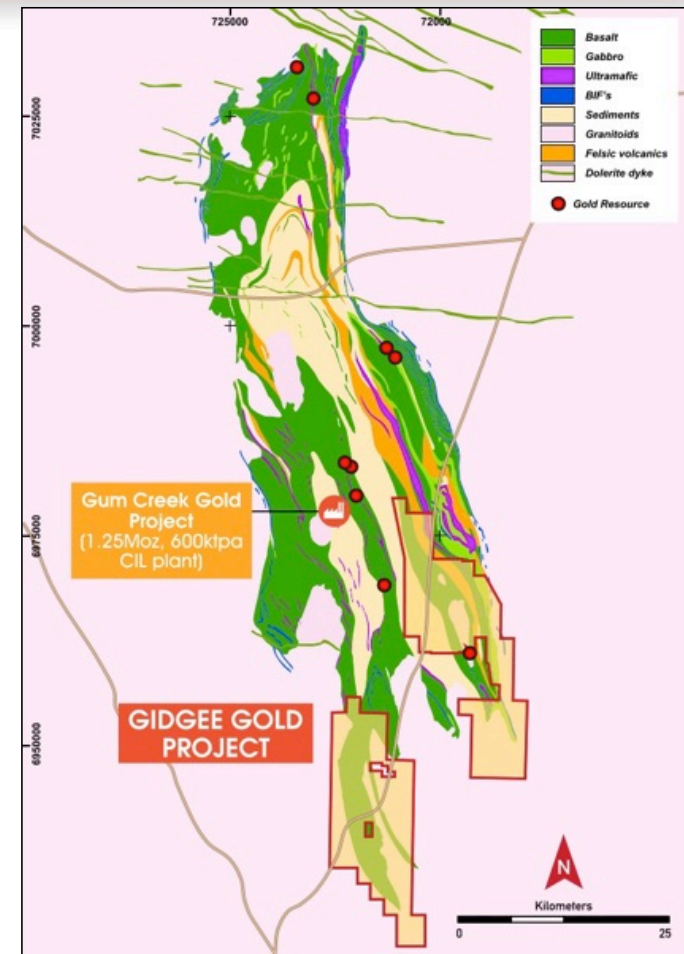




# Gidgee Gold Project – Corporate Strategy



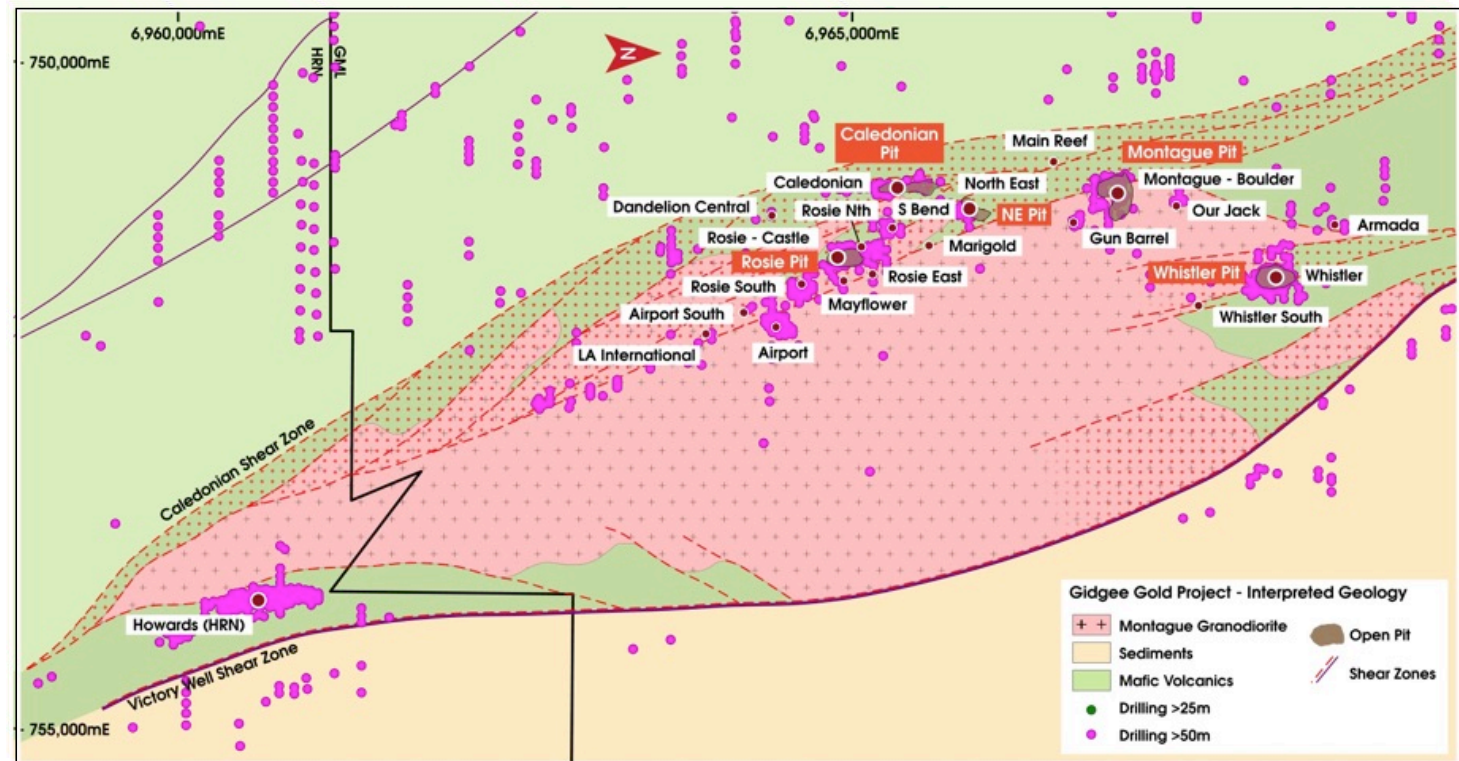
- Building a strong free milling gold resource base to consolidate recent drilling success
- Advance greater opportunities across entire project
  - *Resource Evaluation → Target Generation*
  - *Large component of drilling (RC, diamond and aircore)*
- Systematically build a gold resource base capable of sustaining a mid-tier scale gold business
- Look at sensible consolidation and expansion opportunities
- Value accretive divestments of non-core projects



# The Opportunity – *Prospective Large-scale Gold System*



- Major structural corridors
- Widespread shallow oxide mineralisation
  - *Historical open pit mining (150Koz)*
  - *Drilling database*
- Strong indications of high-grade mineralisation
- Limited drilling at depth
- Target contact on margin of Montague Granodiorite poorly tested
- Extensive transported cover



# Resource Evaluation – *Whistler and Montague Gold Deposits*



- Whistler and Montague recognised as major resource growth opportunities in the short term.
- Assess potential for cut-backs on the historical open pits.
- Assess potential for underground development on high-grade gold mineralisation.
- Early metallurgical and geotechnical assessment.
- Important information to unlock the key mineralisation controls across the wider project.



## ■ INTERIM POSITION ONLY!

See ASX announcements dated 10<sup>th</sup> and 14<sup>th</sup> January 2019 a for results detail



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# Whistler – Resource Evaluation and Growth Strategy



- Thick, coherent gold mineralization beneath pit
- Strong high-grade component
- Exceptional drilling results over last 12 months:

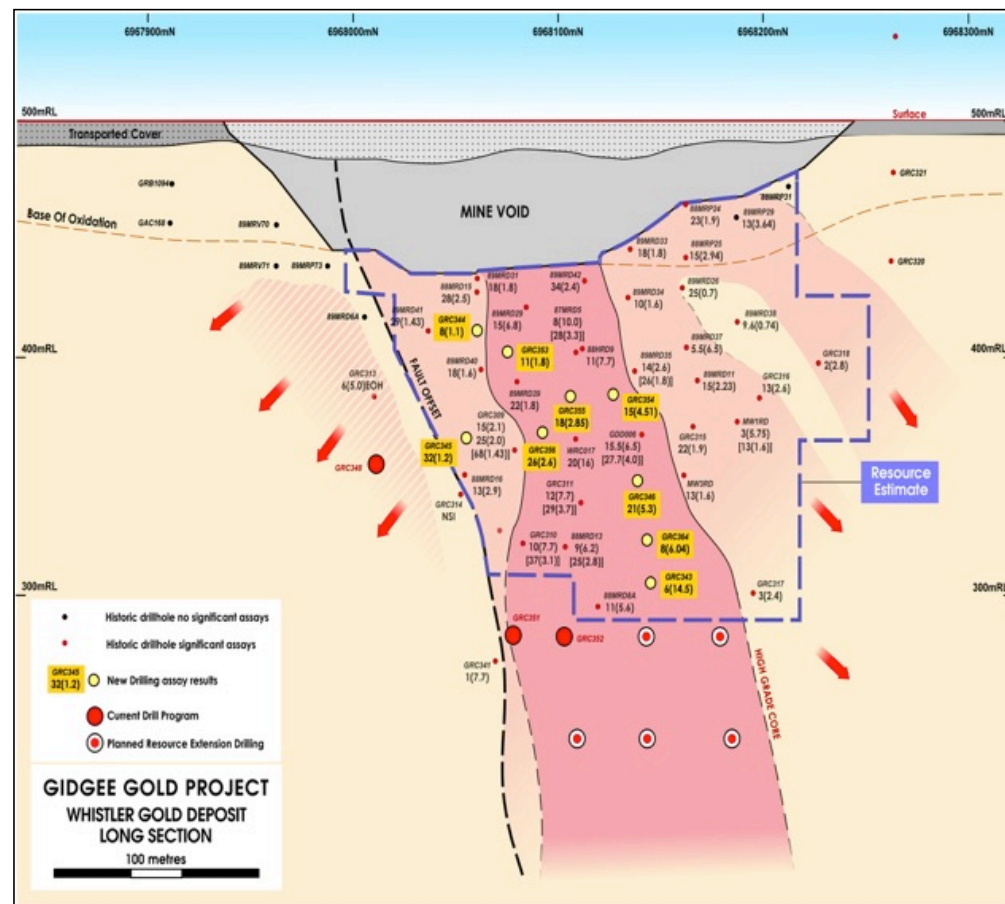
## December 2018

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- 15m @ 4.51g/t Au
- 8m @ 6.04g/t Au
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- 18m @ 2.85g/t Au
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- 8m @ 1.10g/t Au
- 11m @ 1.78g/t Au

## April-June 2018

- 27.7m @ 4.0g/t Au (incl. 15(6.5))
- 2.8m @ 79.2g/t Au (incl. 0.5(440.1))
- 29m @ 3.7g/t Au (incl. 12(7.7))
- 37m @ 3.1g/t Au (Incl. 10 (7.7))
- 69m @ 1.43g/t Au (Incl. 15(2.1) & 25(2.0))
- 6m @ 5.0g/t Au (bottom of hole)
- 22m @ 1.90g/t Au
- 13m @ 2.60g/t Au

- Resource estimation process underway – due end Feb
- Preliminary met-testwork and geotechnical assessment
- Permitting pathway identified





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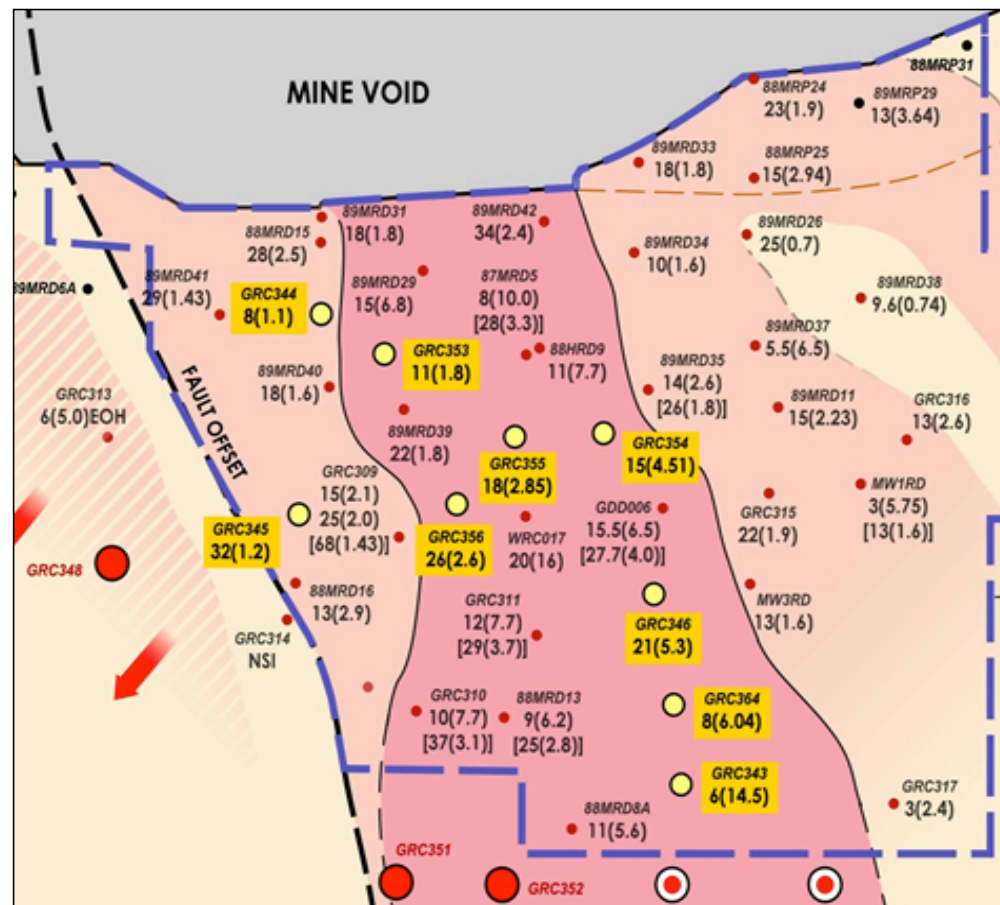
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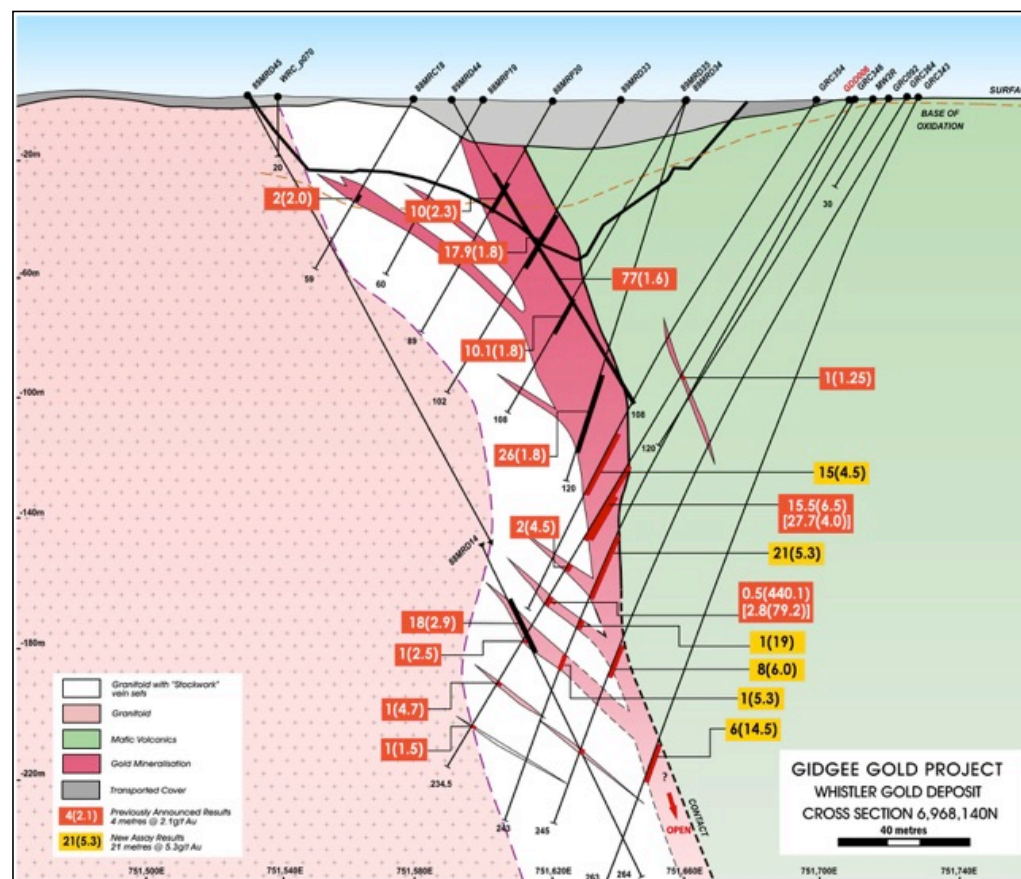
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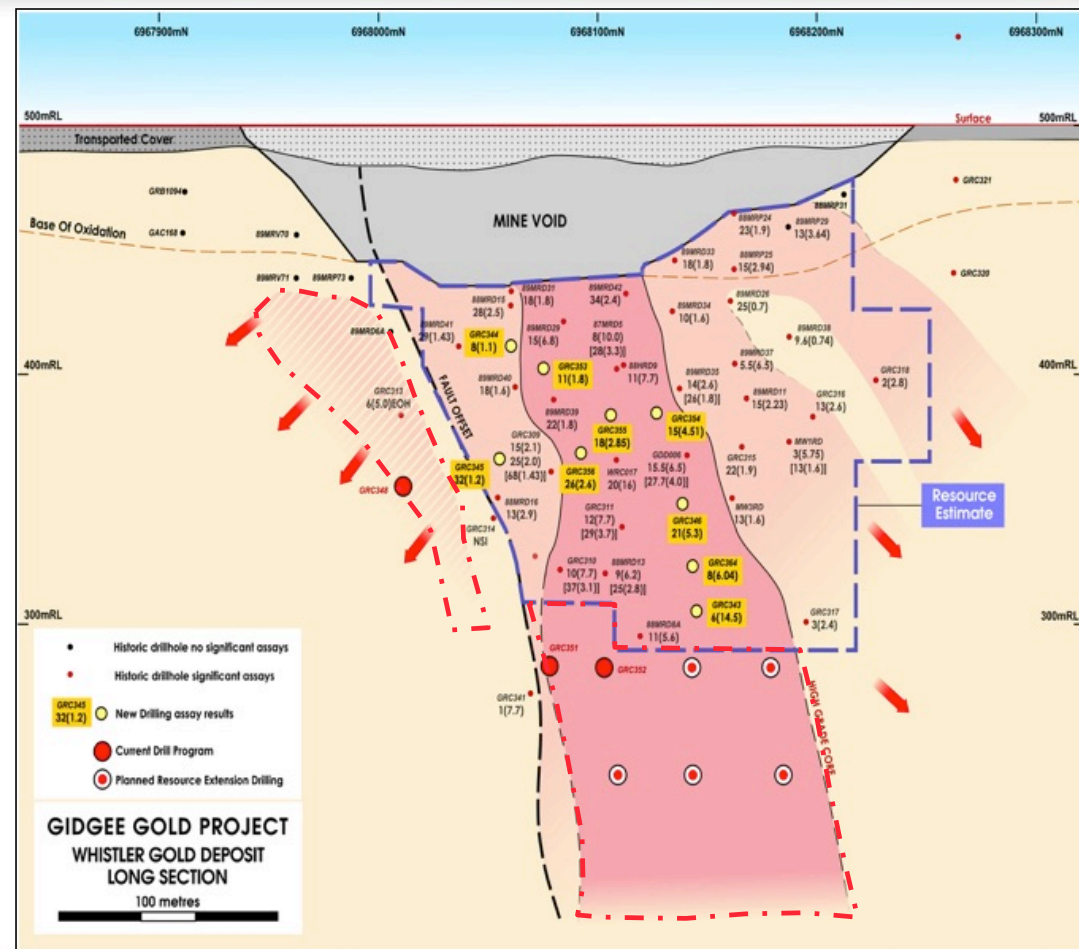
[www.gatewaymining.com.au](http://www.gatewaymining.com.au)



# Whistler – Resource Evaluation and Growth Strategy



- Major opportunity to expand deposit beyond current resource focus:
  - Open in all directions
  - Strike extensions
  - High-grade underground resource target
  - Parallel structures
- Diamond drilling to commence in February



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# Montague – *Resource Evaluation and Growth Strategy*



- Recent RC drilling confirms major mineralised structure in immediate base of open pit.
- Follow-up drilling to expand mineralisation prior to resource estimation about to commence.
- Part of a ~3km highly prospective contact zone that is largely untested





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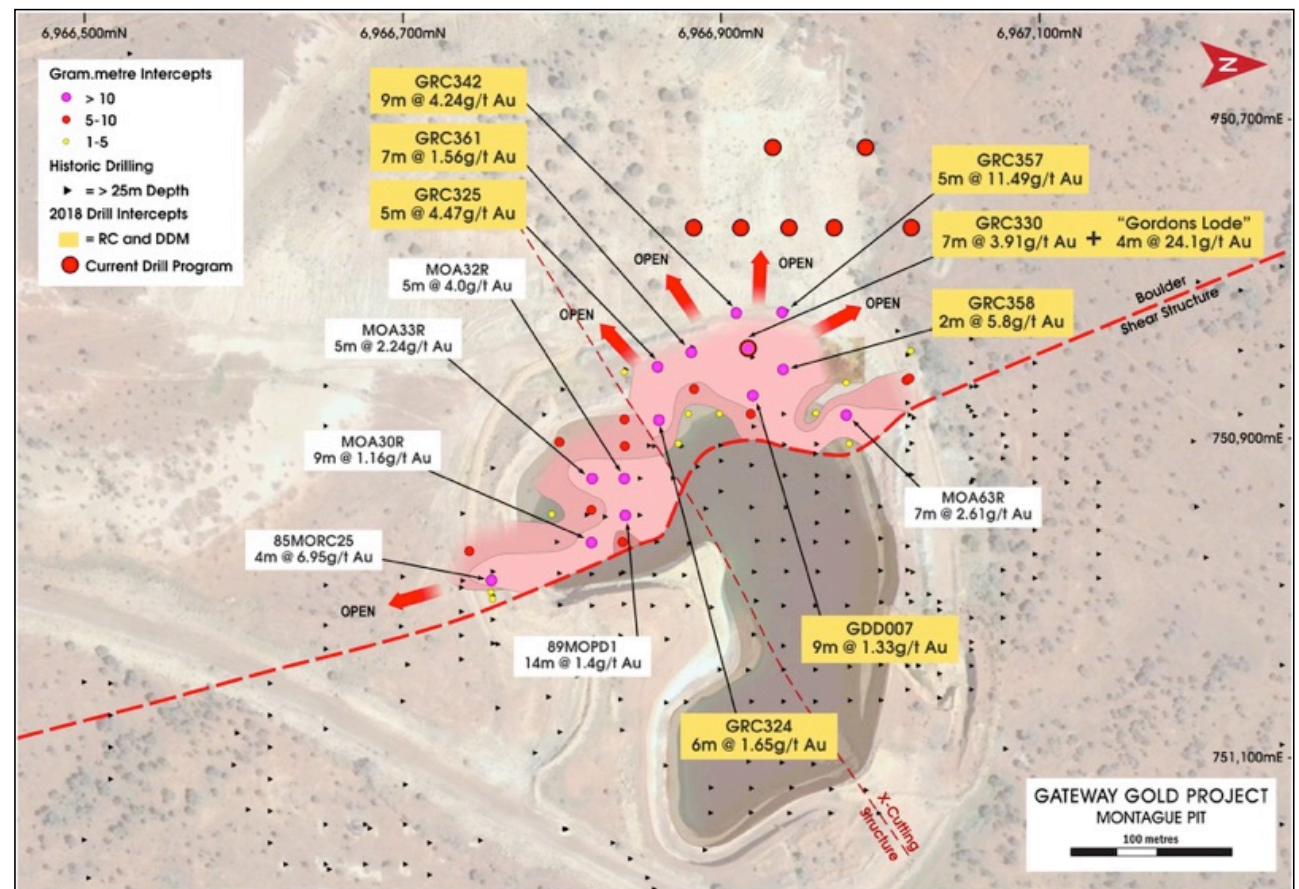
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- Confirmation of significant gold mineralised system
- Open down-dip and along strike to the north and south
- High-grade domains
- Expand mineralisation footprint ahead of maiden resource
- Preliminary met-testwork
- **Drilling results include:**
  - 5m @ 11.5g/t Au
  - 2m @ 5.80g/t Au
  - 9m @ 4.24g/t Au
  - 7m @ 3.91g/t Au (within 15m @ 2.10g/t Au)
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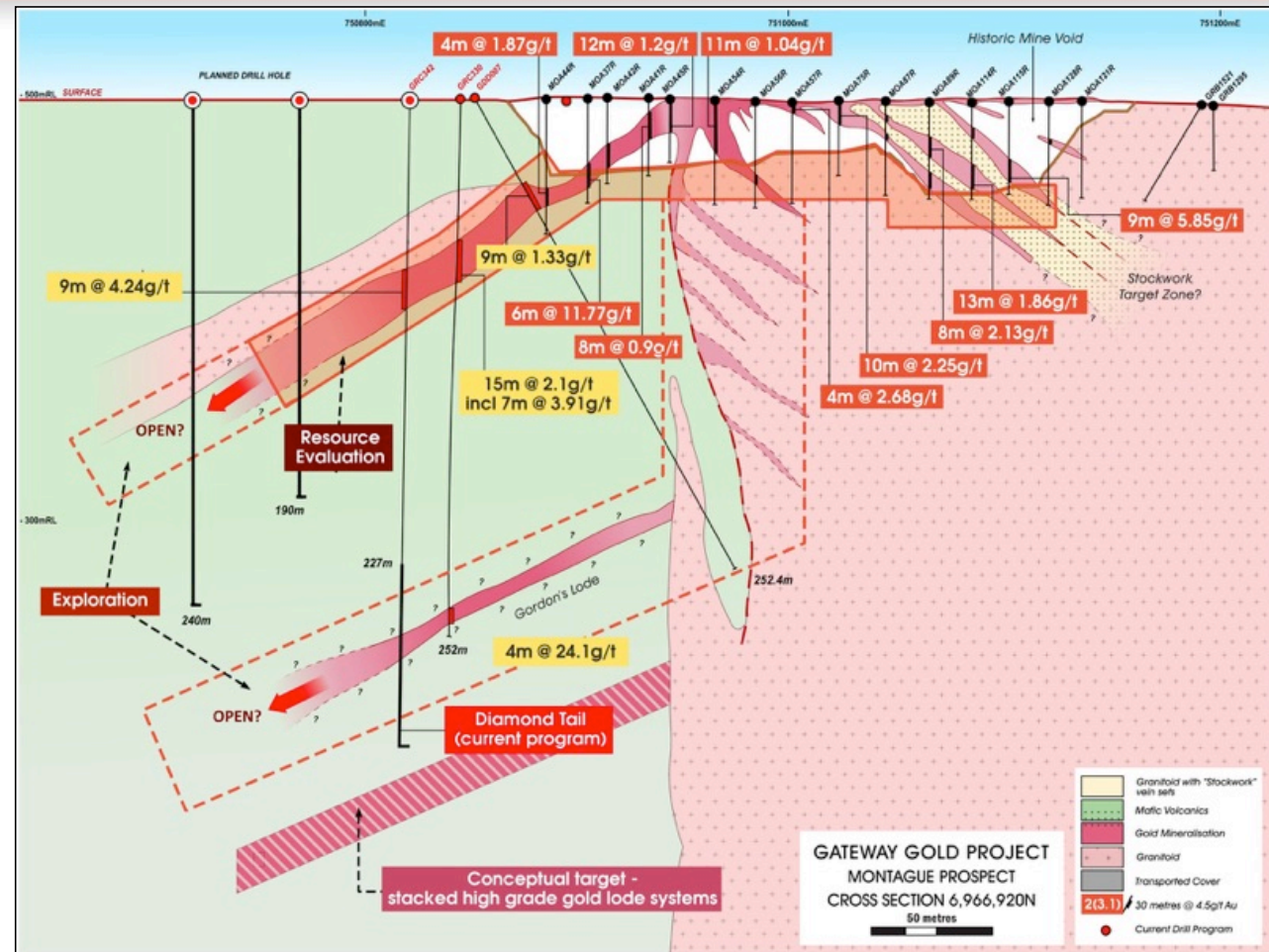




# Montague – Resource Evaluation and Growth Strategy



- Confirmation of significant gold mineralised system
- Open down-dip and along strike to the north and south
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- Multiple targets
- “New Discovery” at depth
  - **Gordon's Lode: 4m @ 24.2g/t Au**
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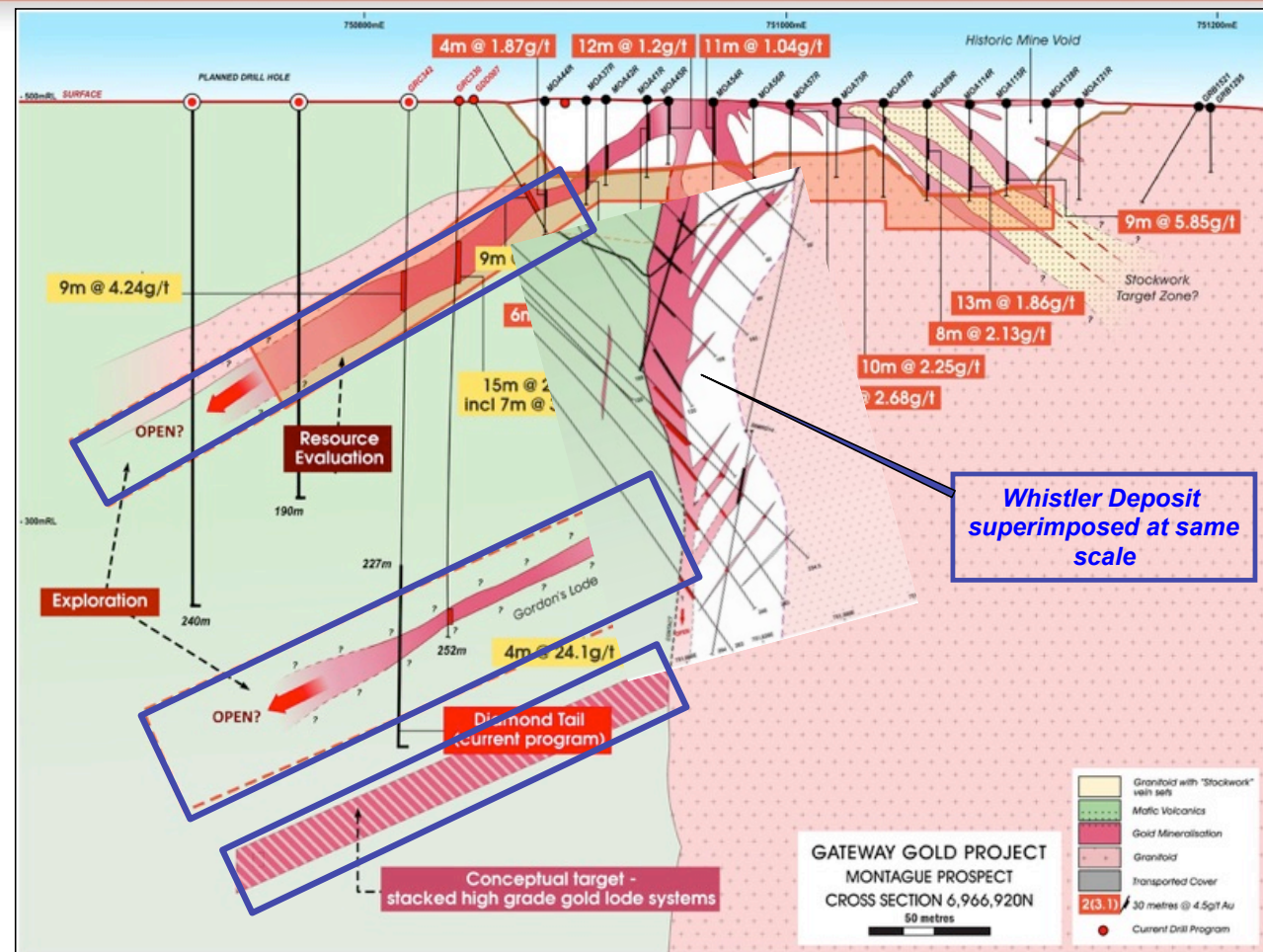
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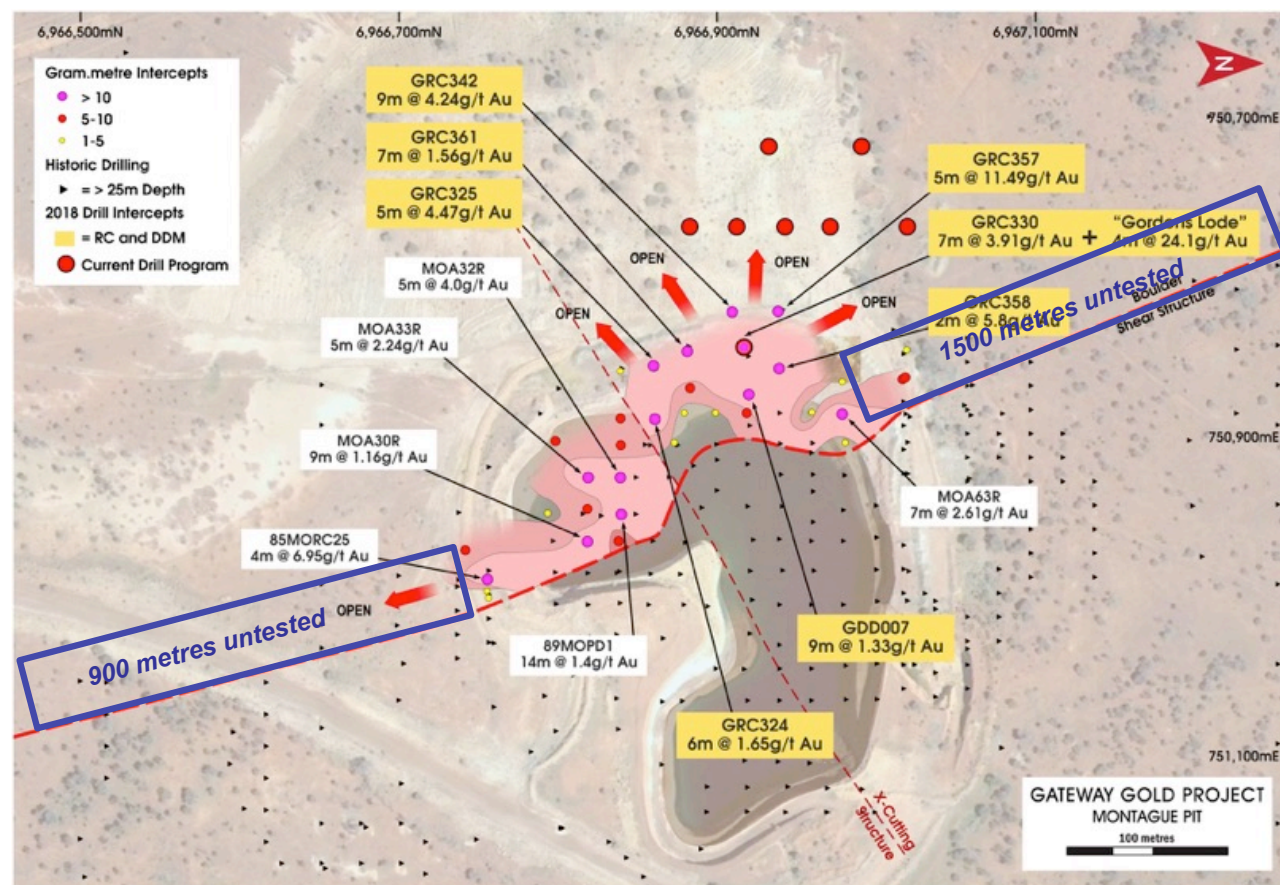
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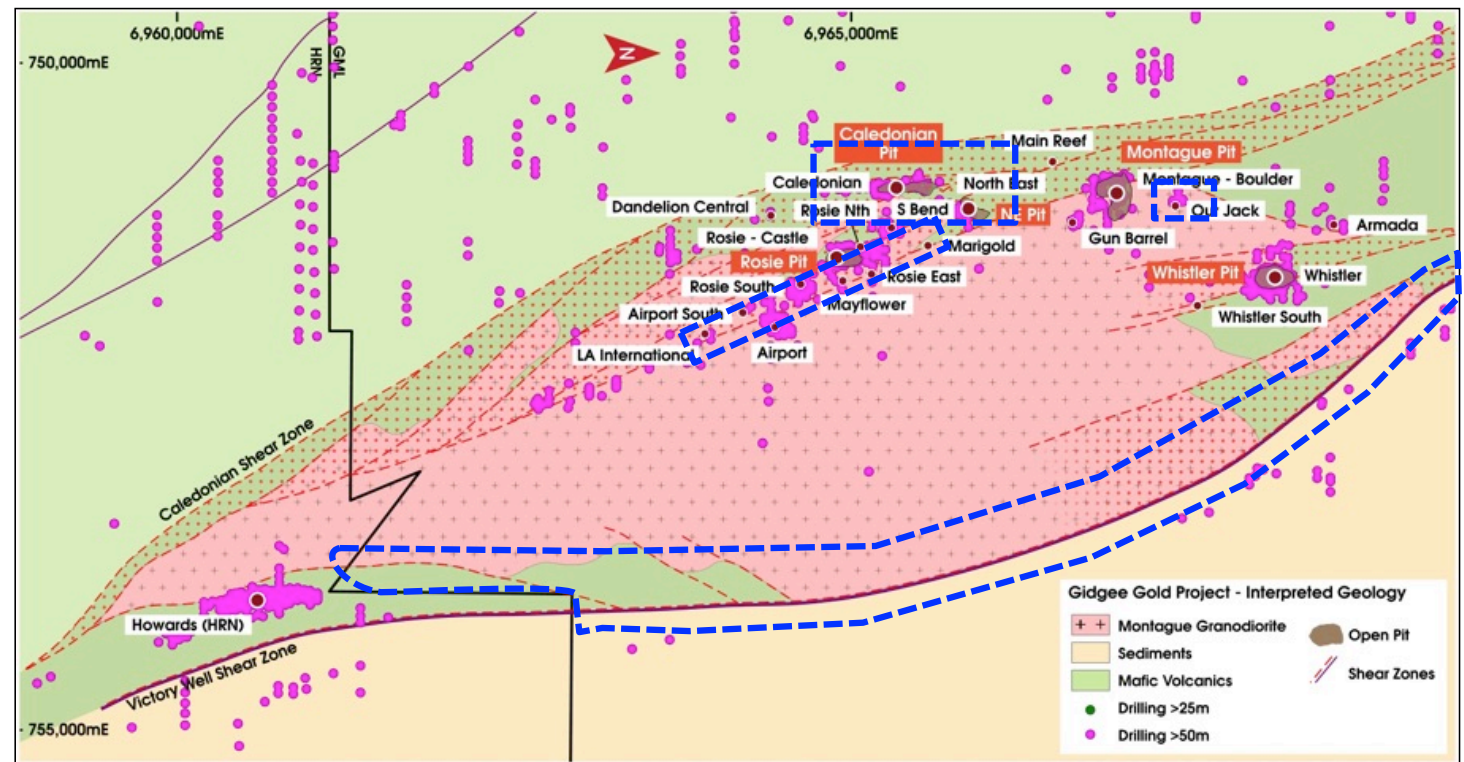




# Exploration Opportunities – *How do we realise the potential?*

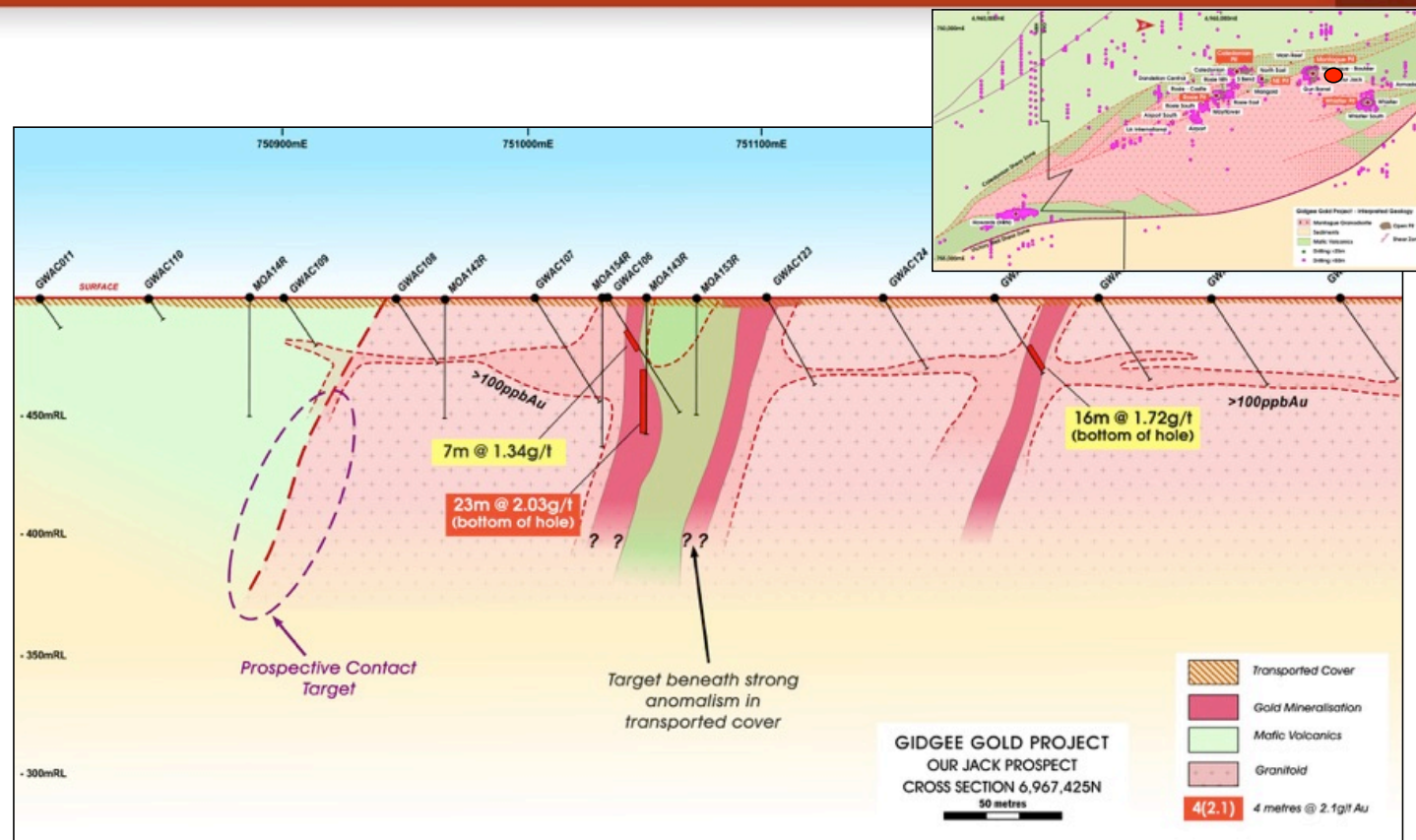


- Large, connected system
- Pipeline of exploration targets
  - **Caledonian – NE Pit**
  - **Our Jack**
  - **Rosie-Airport**
  - **Eastern Contact**
- Systematic, integrated, well conceived programs of exploration.
- Good quality datasets
- Best practice execution capabilities



# Our Jack Prospect – *Extension of Montague Deposit?*

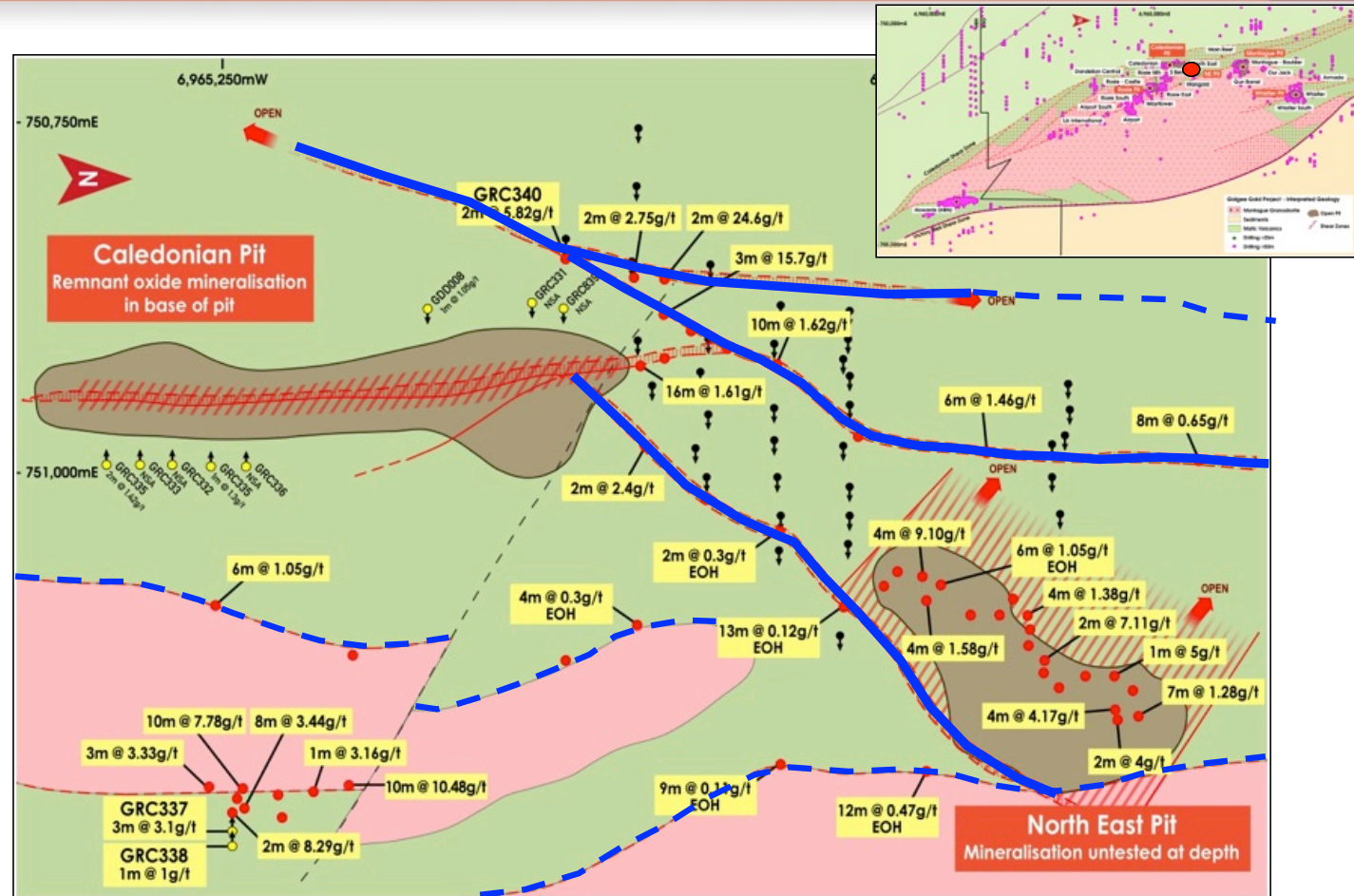
- Located between Whistler and Montague
- Geologically similar to Montague
- Advanced target generated from recent aircore drilling program
  - 23m @ 2.03g/t Au
  - 7m @ 1.34g/t Au
  - 16m @ 1.72g/t Au
- Granite stockwork and contact targets
- Open in all directions
- Follow-up RC drilling





# Caledonian – One large gold system?

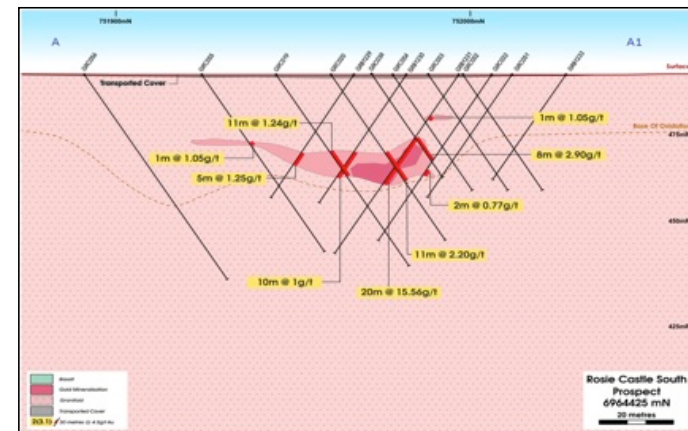
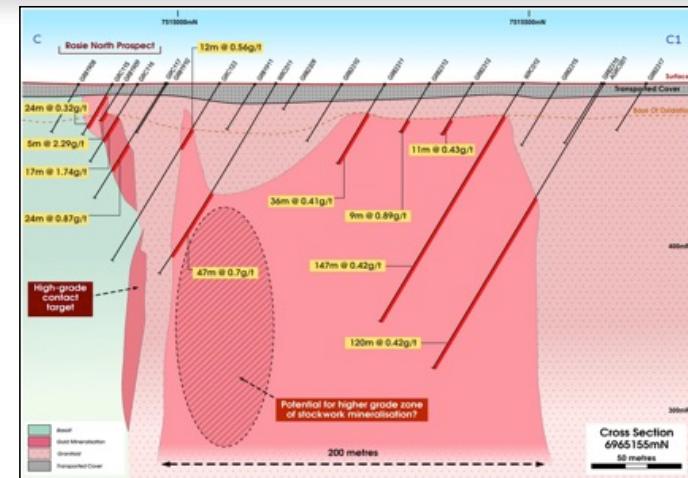
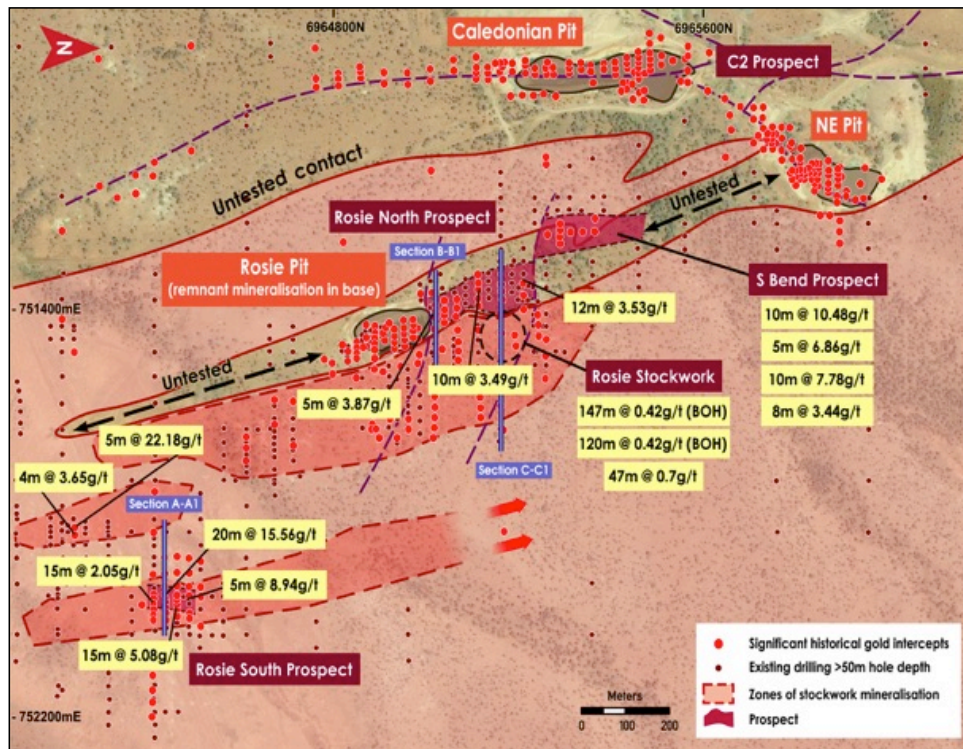
- Large, connected system
- Remnant oxide mineralisation in base of Caledonian and NE Pits
- NE Pit mineralisation open at depth and untested
- High-grade C2 Target confirmed:
  - 2m @ 5.82g/t
  - 2m @ 24.6g/t
  - 3m @ 17.7g/t
  - 16m @ 1.61g/t
  - 10m @ 1.62g/t
- Multiple mineralised shear zones to follow-up



# Rosie Airport Trend – Assessment and Targeting



- ~1.6km long target trend
- Strong high-grade component
- Large-scale stock work zone
- Follow-up RC drilling

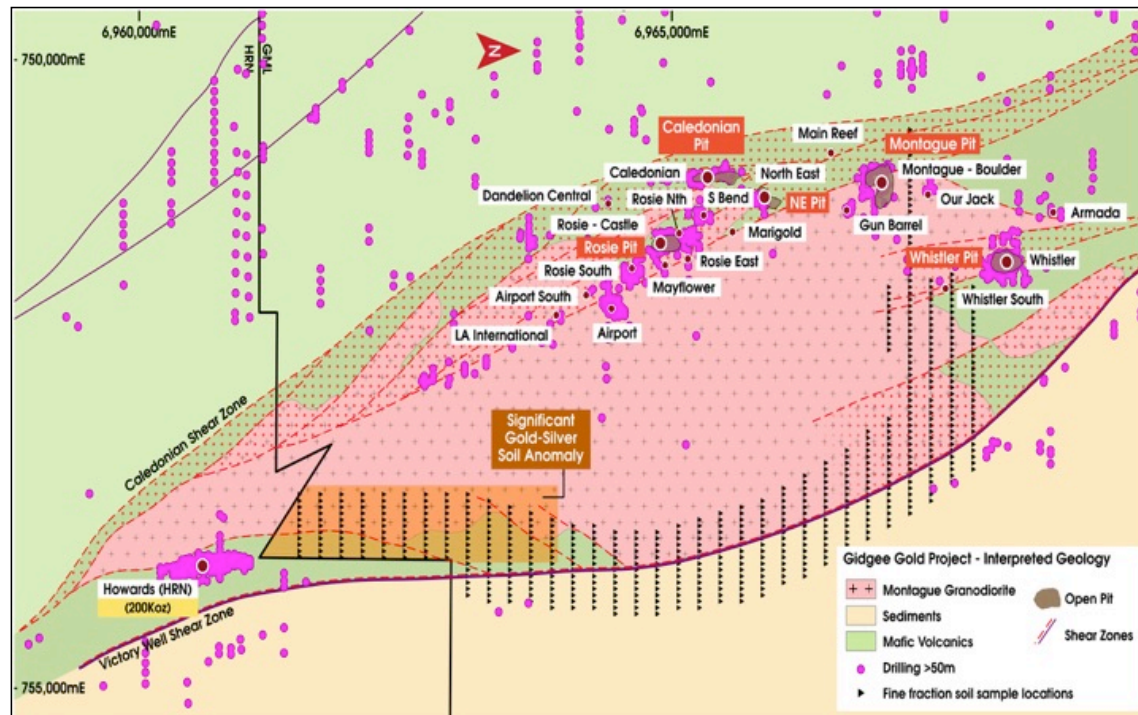




# Exploration Opportunities – *Kashmere Prospect*



- Located on the ~10km long highly prospective Eastern Margin
- Immediate along strike of the Howards Deposit (200koz – owned by HRN)
- 1.8km long coincident gold-silver anomaly
- Requires 1<sup>st</sup> pass aircore drill testing



# Gidgee – Aggressive Approach to Exploration



- Highly successful drilling programs during 2018:
  - **Whistler**
  - **Montague**
  - **Our Jack**
  - **Caledonian – NE Pit**
- High quality pipeline of advanced exploration targets
- Resource estimation and evaluation processes at Whistler and Montague
- Disciplined evaluation of historical data highlighting new opportunities
- Ongoing drilling and associated exploration activities to deliver strong news flow
- Expanding footprint in the region: active tenement pegging





## Summary – *Key Investment Takeaways*



- An outstanding growth opportunity in the WA gold sector following consolidation of the Gidgee gold tenure
- Strong results delivered throughout 2018
- Focused and active resource assessment and exploration programs planned for 2019
- Strong management team with execution capabilities
- A Tier-1 address for gold exploration, development and mining
- Proven gold endowment as evidenced by historical mining and recent drilling
- Virtually no modern, systematic exploration – and no drilling at depth
- Prospective geology for large-scale gold system with multi-million ounce potential



**Gateway is aiming to systematically build a gold resource base at Gidgee capable of sustaining a mid-tier scale gold business**



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- Targeting further shallow oxide discoveries and barely-tested potential at depth

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