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Vertex  
MINERALS

# Reward Gold Mine

Australian High-Grade Gold Developer & Producer

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## Mineral Resource Statement

The Exploration Target is classified in accordance with the Australasian Code for Reporting of Identified Mineral Resources and Ore Reserves (JORC, 2012). The Exploration Target Estimate was completed by Andrew Hawker of HGS Australia. Mr Hawker has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Hawker consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## JORC Compliance Statements

Information in this announcement is extracted from reports lodged as market announcements referred to in this presentation and available on the Company's website <http://www.vertexminerals.com.au/>. The Company confirms that it is not aware of any new information that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

# Directors and Management

## Directors

### **Roger Jackson** Executive Chairman

30+ years as a mine operator, services contractor and explorer. He is a geologist with strong knowledge of gold exploration and mining

### **Tully Richards** Executive Director Geology and Exploration

Experienced gold geologist based in Orange, NSW. Mr. Richards is an experienced minerals industry executive with 30 years operational consultancy and managerial experience.

### **Jim Simpson** Executive Director Operations

Management Mining engineer with over 30 years of experience from discovery, through construction, operations and mine closure.

### **Ian Morgan** Company Secretary

40+ years experience in company secretarial and accounting.

### **Vince Fayad & Kurt Lane** Joint CFO's

## Management

### **Chris Hamilton** General Manager Operations

### **Jeff Williams** Manager Maintenance

### **Mick Irwin** Safety Training

### **Carl Clark** Mine Geology

### **Rick Liang** Human Resources

### **Alan Mills** Manager Commercial

### **Tom Cowan** Mining Engineer

### **Casey Robinson** Environment

### **Julian Geldard** Mine Geology

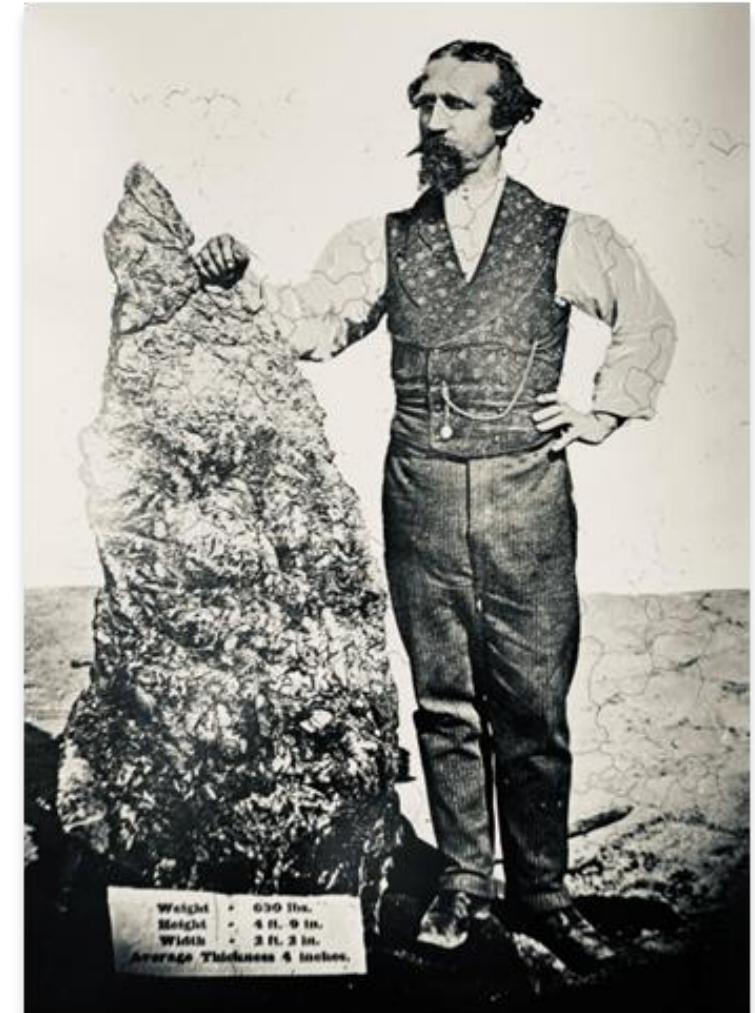
## Flagship Project for Vertex – Reward Gold Mine, Hill End

- ✓ Commenced Gold processing with new Gekko Gravity Gold Plant
- ✓ 100% owned
- ✓ Low operating Cost
- ✓ High Grade Gold Resource 225 ozs at 16.7g/t + more
- ✓ Inherited >AUD \$50m of underground development
- ✓ 1.8M Au oz historically mined
- ✓ Reward sits below the Hawkins Hill Mine 435kozs at 309 g/t
- ✓ Up to 95% recovery by gravity processes only
- ✓ Big Gold System, ~50km with >3,500 old workings



# UNIQUE GOLD MINE

- ✓ Gold recovers up to 95% - by gravity only
- ✓ No Cyanide, No chemicals, No Tails Dam, No PAF
- ✓ Negligible sulphides
- ✓ No gold in country rock = Textbook ore sorting
- ✓ Recovers gold at 650 micron – no ball mill
- ✓ Home of the world's largest gold specimen



Holtermann Nugget 286kg

# Scratching the Surface



50km of prospective strike that was the source of the largest Gold specimen ever to be found globally - discovered at Hill End



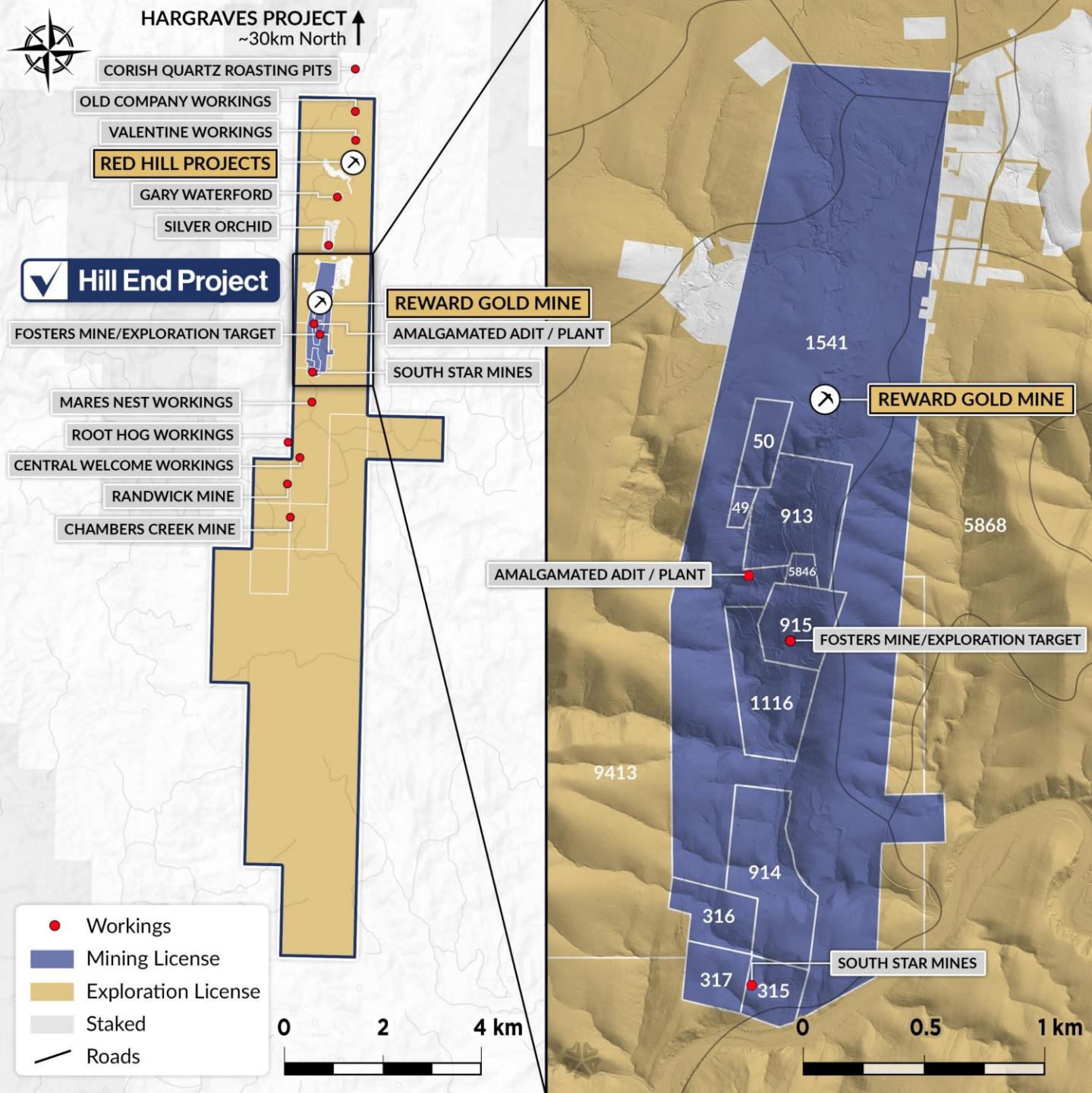
LiDAR survey completed with >3,000 surficial gold workings identified over various lines of lode



Most lodes only mined to the water table 60ft (<20m)



Only 0.5miles (800m) of strike has been drilled and only down a few hundred meters



# Vertex Strategy

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## Foundations (Early 2025)

- Re-install refurbished Gekko Gravity Plant

### PHASE 1

\$25m Preproduction cost

## Production Kick-off (late 2025)

- Mine Rehabilitation
- Finish conversion from a historic airleg mine to a mechanised mine
- Commence development mining at Reward Gold Mine
- Start at reduced throughput, ramp up with ore sorting
- Commissioned Ore Sorter with a target of 100% recovery

### PHASE 2

## Growth (2026 →)

- Aggressive drilling to expand gold inventory
- Aggressive development and stope ramp up
- Make cash
- Deliver shareholder value

### PHASE 3

# Textbook Ore Sorting

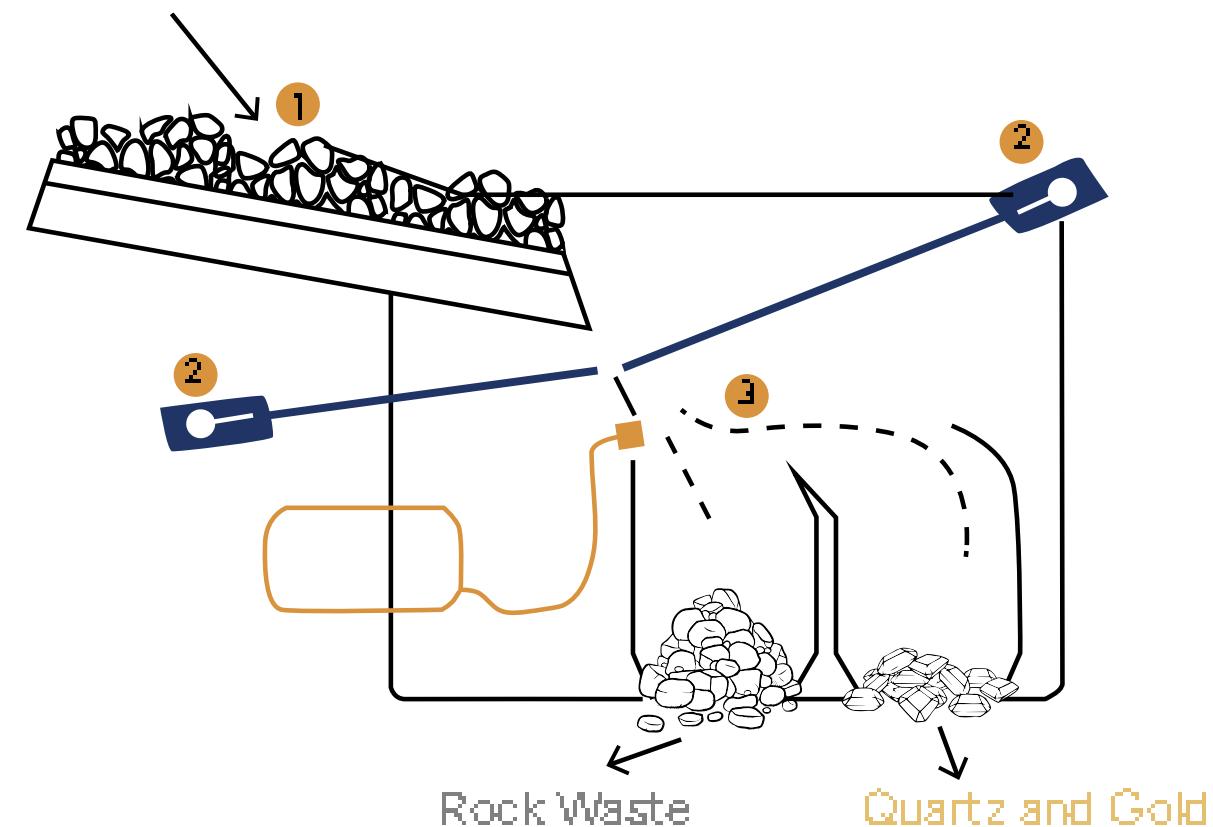
Plant And Ore Sorter Up And Running

Reward Gold Mine ore sorts perfectly, with 79% mass reduction & 337.20% increase in grade in the 8mm to 50mm range.

Refer to VTX ASX announcement 11 September 2024

PERSONAL LOG

- 1 Feeding of unsorted material
- 2 Detection by LASER technology
- 3 Separation by compressed air





# A Long Life Expected Beyond the Mine Plan

Exploration Target at Fosters, approx. 400m south of Reward Gold Mine. Fosters sits within ground already covered by Vertex Mining Licenses and existing Development Consent. Fosters is accessed by an existing Adit and development drive.

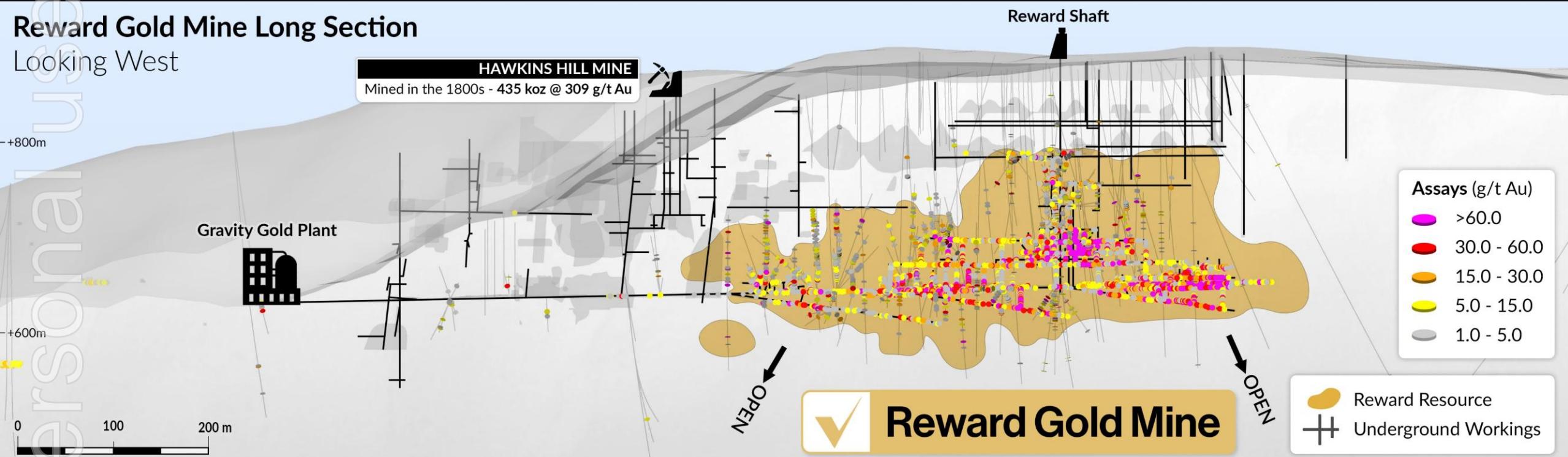
## REWARD MINERAL RESOURCE ESTIMATE

Classification	Cut-off (g/t)	Tonnes	Au (g/t)	Ounces
Indicated	4.0	141,000	15.54	70,500
Inferred	4.0	278,000	17.28	154,700
<b>Total</b>	<b>4.0</b>	<b>419,000</b>	<b>16.72</b>	<b>225,200</b>



Refer to VTX ASX announcement 5 July 2023

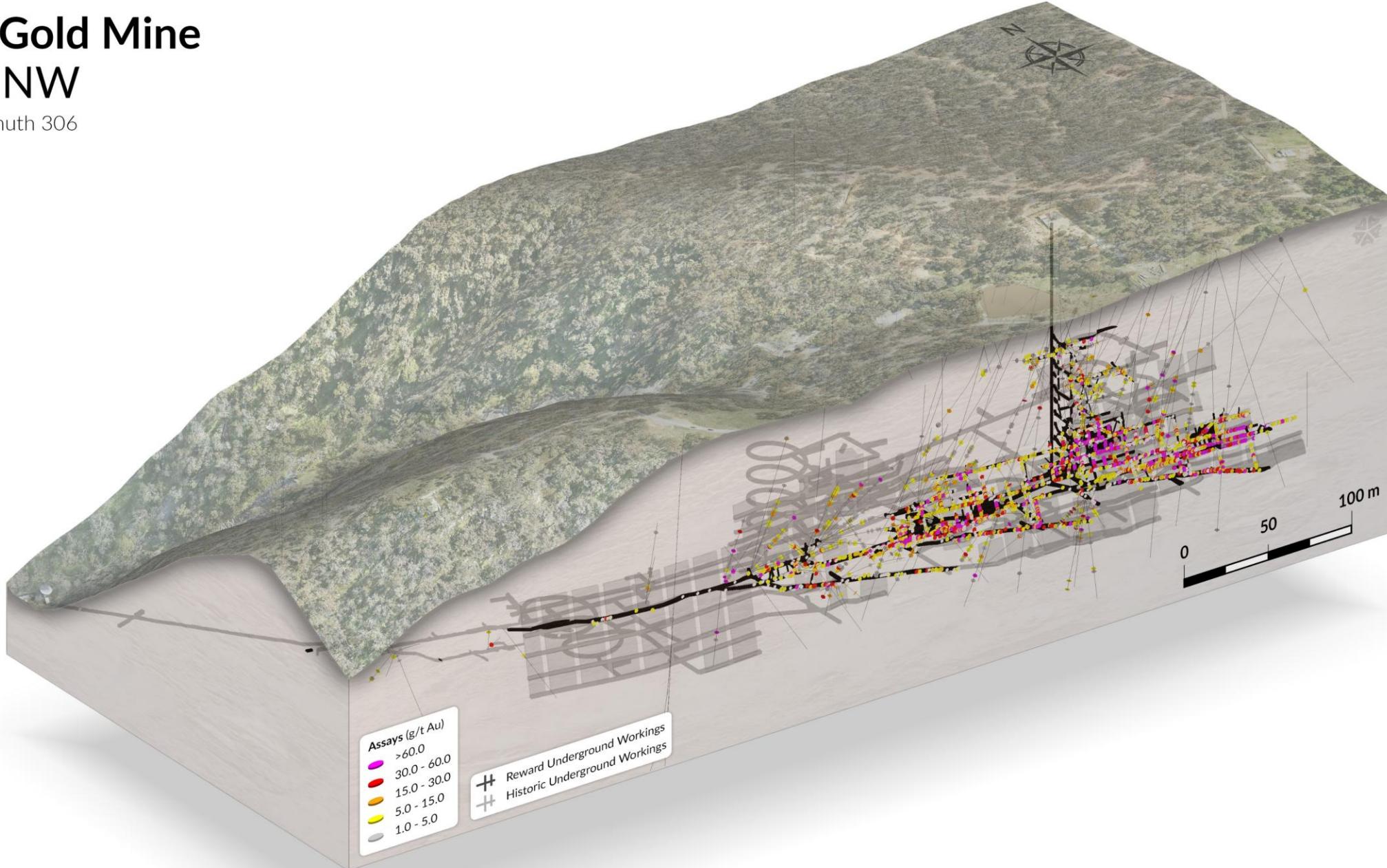
## Reward Gold Mine Long Section Looking West



# Reward Gold Mine

## Looking NW

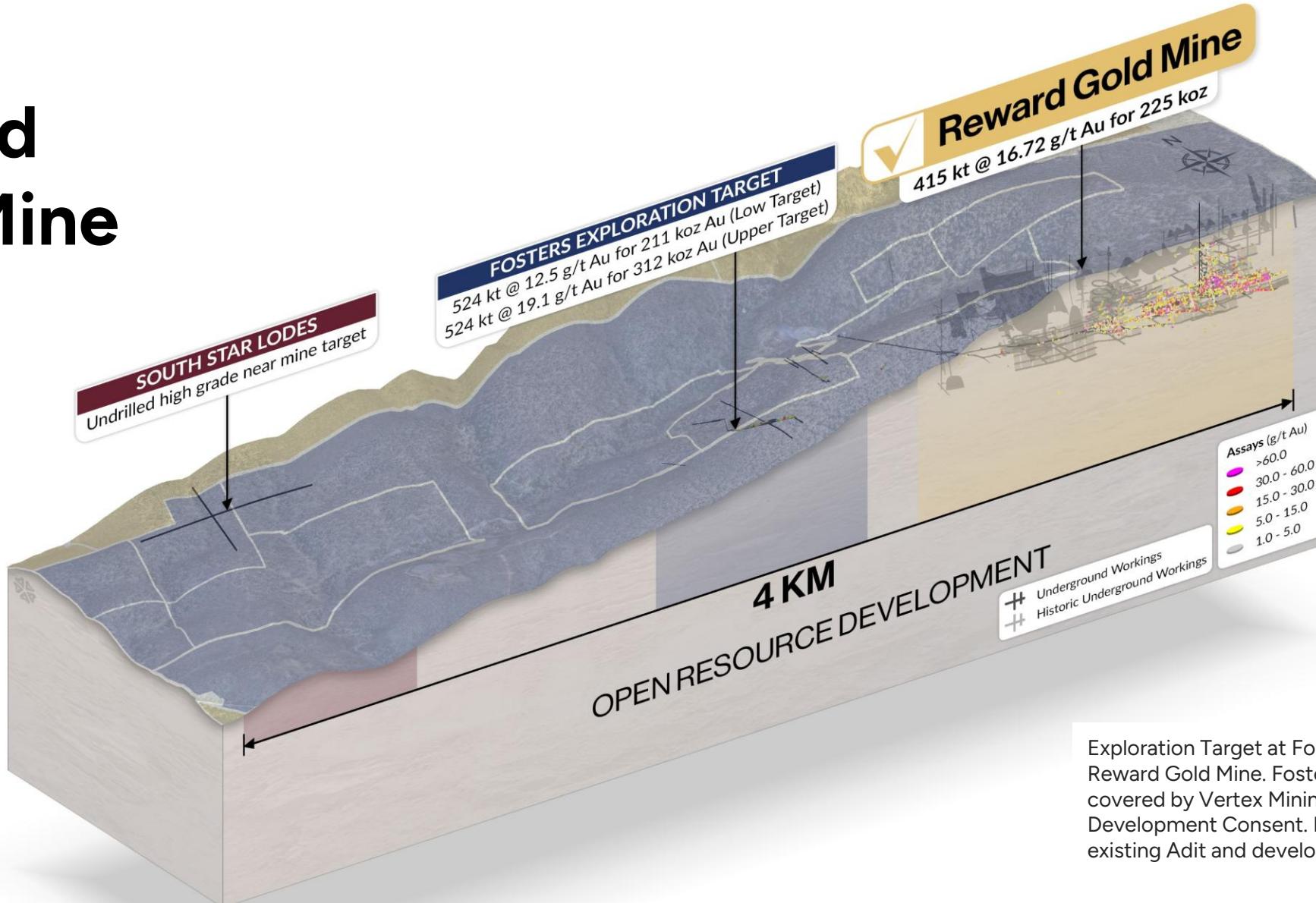
Plunge +27 | Azimuth 306



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# Reward Gold Mine

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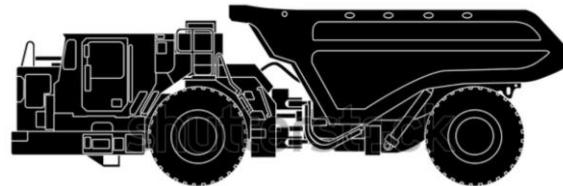


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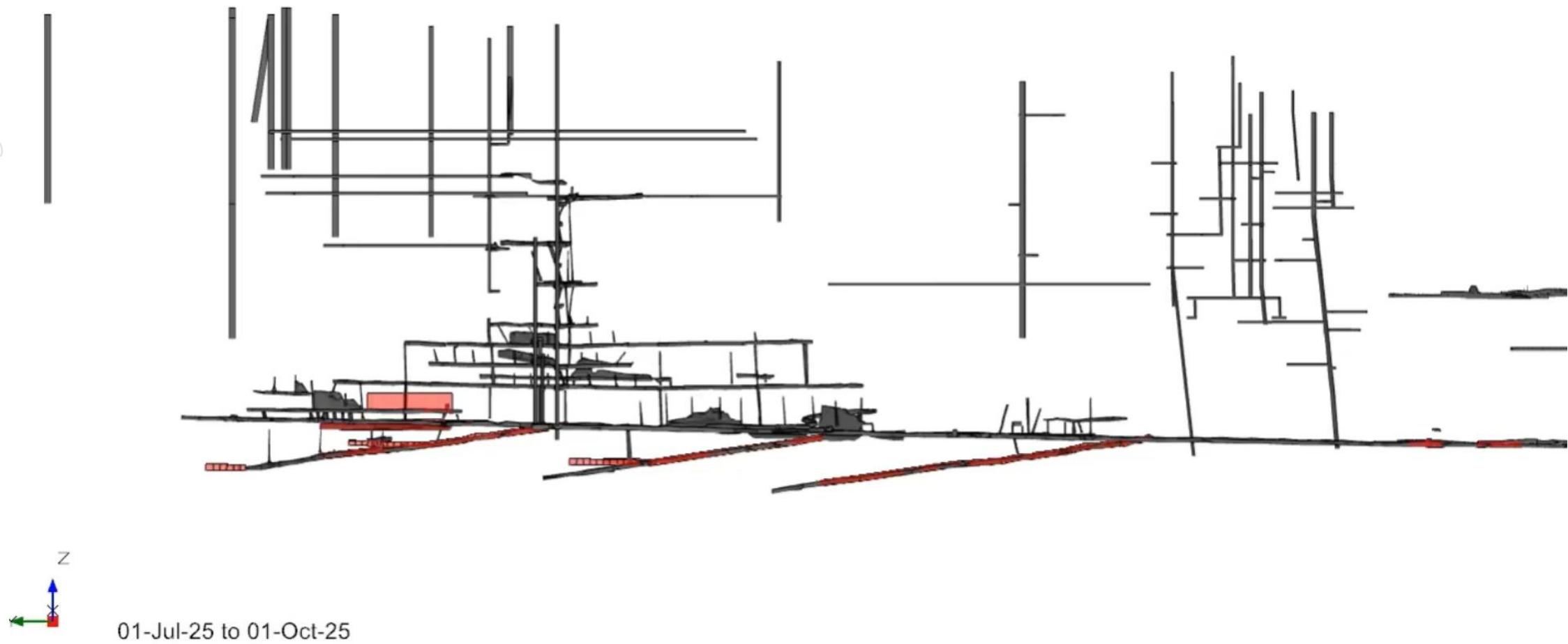
For further information please refer to ASX Announcement "Exploration Target Calculated for Fosters" (29 August 2023). The Exploration Target is conceptual in nature as there has been insufficient exploration to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource under the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, the JORC Code" (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve.

# REWARD FLEET

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WORKING	ON ORDER
2	1
1	1
3 2 Conventional 1 remote	1 1 remote
1	



# Environmental and Sustainable Mining Objectives

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## Efficient & Responsible Processing

- Gravity Recoverable Gold
- Minimal grind (200–650 micron)
- No chemicals – no cyanide
- Recovery of fine gold (to 23 µm)



## Cost & Resource Efficiency

- Low Capex and low operating cost
- Low water usage
- Re-usable water
- Local Workforce

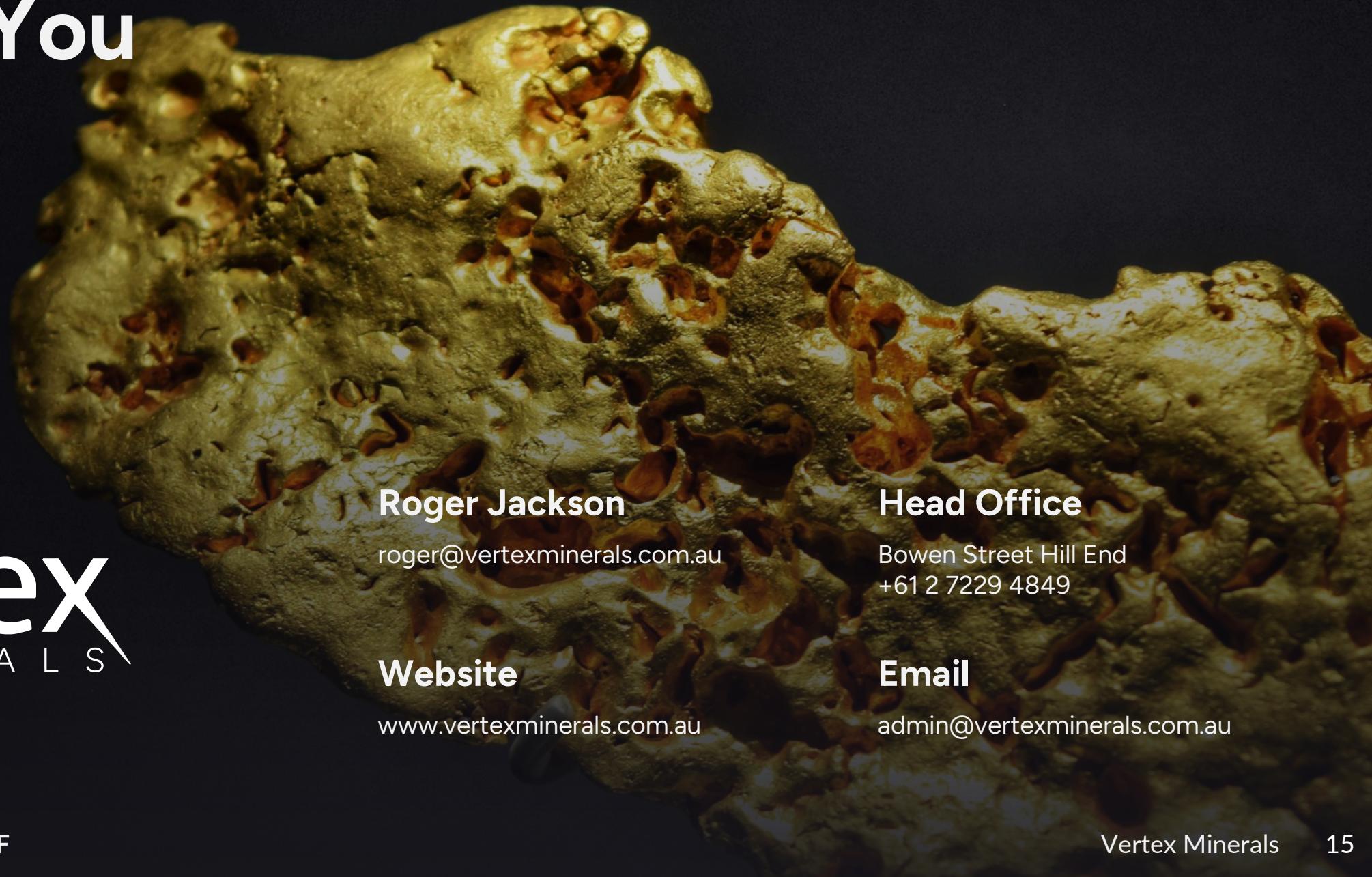


## Environmentally Friendly Tailings & Waste

- Benign tails with potential for commercial sand
- Benign waste
- Minimal tailings compared to production
- No tailings dam required – dry stack

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# Thank You



**Roger Jackson**

[roger@vertexminerals.com.au](mailto:roger@vertexminerals.com.au)

**Website**

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

**Head Office**

Bowen Street Hill End  
+61 2 7229 4849

**Email**

[admin@vertexminerals.com.au](mailto:admin@vertexminerals.com.au)

Hill End Project Mineral Resource Estimate				
Deposit	Classification	Tonnes (kt)	Grade Au (g/t)	Contained Au (koz)
Reward Gold Mine	Indicated	141	15.5	71
	Inferred	278	17.3	155
<b>Sub Total</b>		<b>419</b>	<b>16.7</b>	<b>225</b>
Hargraves Project	Indicated	1,109	2.7	97
	Inferred	1,210	2.1	80
<b>Sub Total</b>		<b>2,319</b>	<b>2.4</b>	<b>178</b>
Red Hill Project	Indicated	413	1.4	19
	Inferred	1,063	1.8	61
<b>Sub Total</b>		<b>1,476</b>	<b>1.7</b>	<b>80</b>
Project Total	Indicated	1,663	3.5	187
	Inferred	2,551	3.6	296
<b>Grand Total</b>		<b>4,214</b>	<b>3.6</b>	<b>483</b>

Reward Gold Mine: 2.0g/t reporting cutoff grade

Hargraves: 0.8 g/t reporting cutoff grade (ASX Announcement 29 May 2020).

Red Hill: 0.5 g/t per block, ordinary kriging grade interpolation, classified mineral Resources Limited to 160mRL below surface. (ASX Announcement November 2015)

# Robust and Primed to Grow Gold Inventory

Where statements in this announcement refer to exploration results which have previously been reported, the Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcements, and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

Refer to VTX ASX announcement 5 July 2023