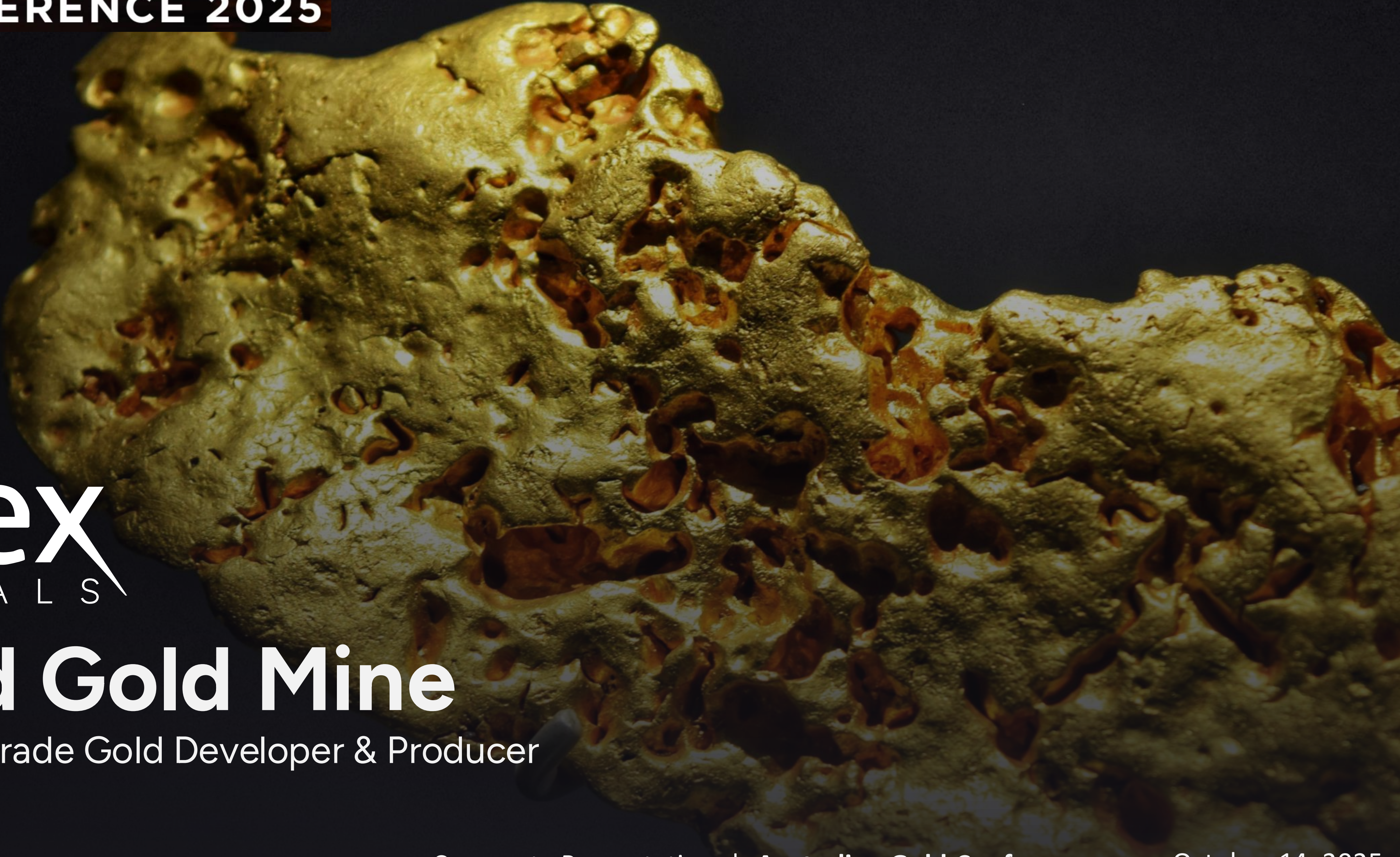
AGC | AUSTRALIAN GOLD CONFERENCE 2025

Vertex minerals



Vertex MINERALS

Reward Gold Mine

Australian High-Grade Gold Developer & Producer

ASX: **VTX** | OTCMKTS: **VTXXF**

Corporate Presentation | **Australian Gold Conference**

October 14, 2025

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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.

Corporate Structure

260M
Shares on Issue

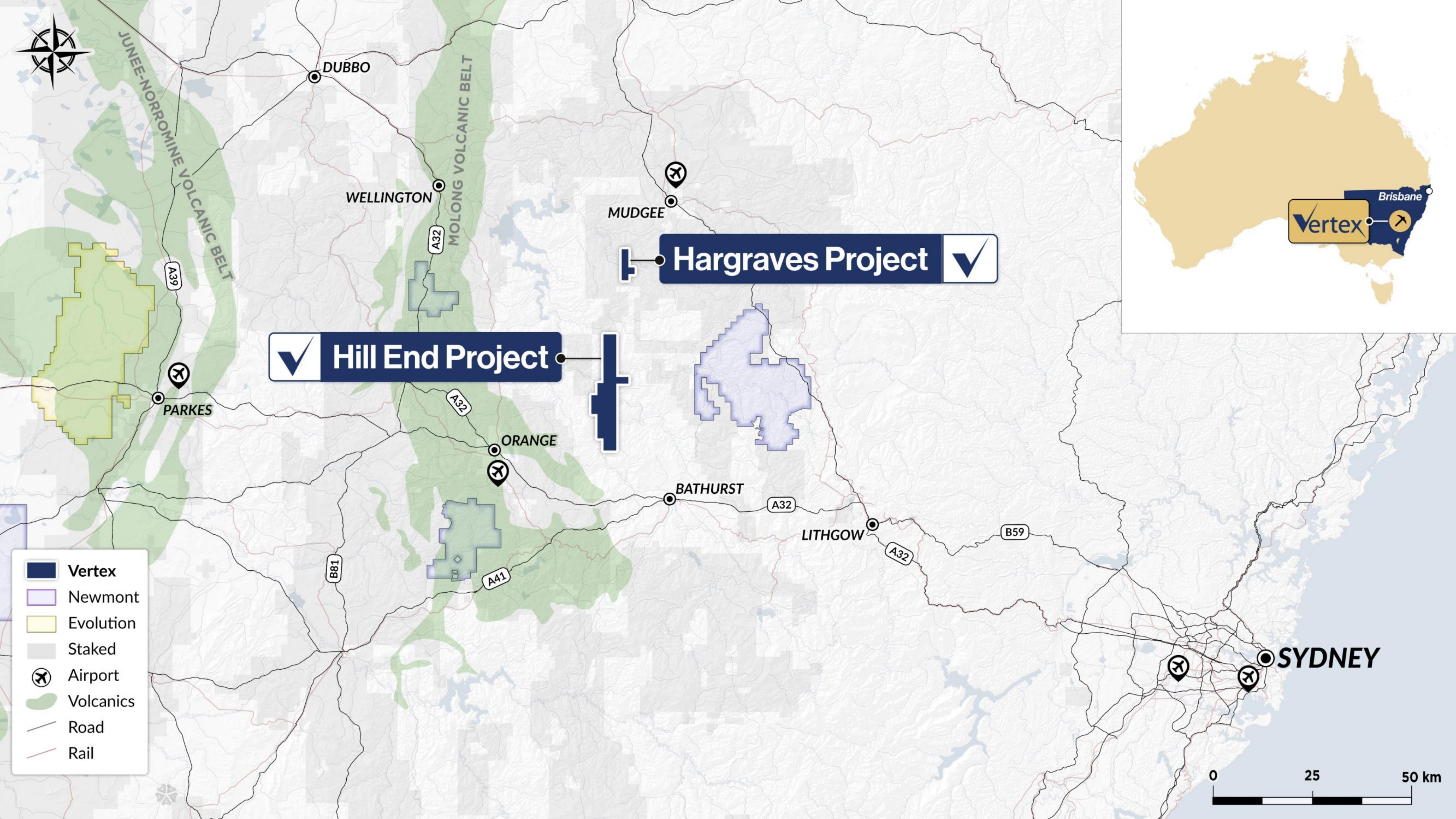
~$0.32
Share Price

119M
Options and rights on Issue

~ $84M
Market Capitalization undiluted (2025/09/25)

$3.5M
Cash

*Share Purchase Plan
** Recent Convertible loan Raise
*** Recent Placement
* ** ***$12.6m

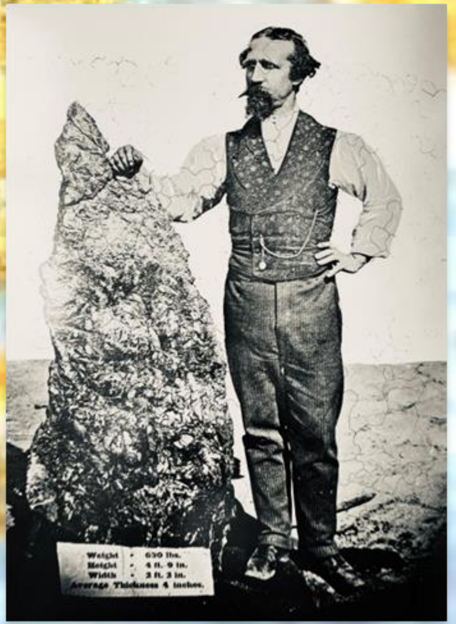

JUNEE-NARROMINE VOLCANIC BELT
MOLONG VOLCANIC BELT
DUBBO
WELLINGTON
MUDGEE
PARKES
ORANGE
BATHURST
LITHGOW
SYDNEY
Brisbane
Vertex
Hargraves Project
Hill End Project
A32
A39
A41
B81
B59
Vertex
Newmont
Evolution
Staked
Airport
Volcanics
Road
Rail
0
25
50 km

Flagship Project for Vertex – Reward Gold Mine, Hill End

- ✓ Commenced Gold processing with new Gekko Gravity Gold Plant
- ✓ 100% owned
- ✓ No hedge - No Secured debt
- ✓ Low operating Cost
- ✓ High Grade Gold Resource and Reserve 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, ~34km with >3,000 old workings

UNIQUE GOLD MINE

- ✓No associated sulphide metals to speak of
- ✓Gold recovers up to 95% - by gravity only
- ✓No Cyanide No chemicals
- ✓23 fine gold
- ✓No gold in country rock
- ✓Textbook ore sorting
- ✓Recovers gold at 650 micron – no ball mill
- ✓Home of the world's largest gold specimen, the "Holtermann Nugget"



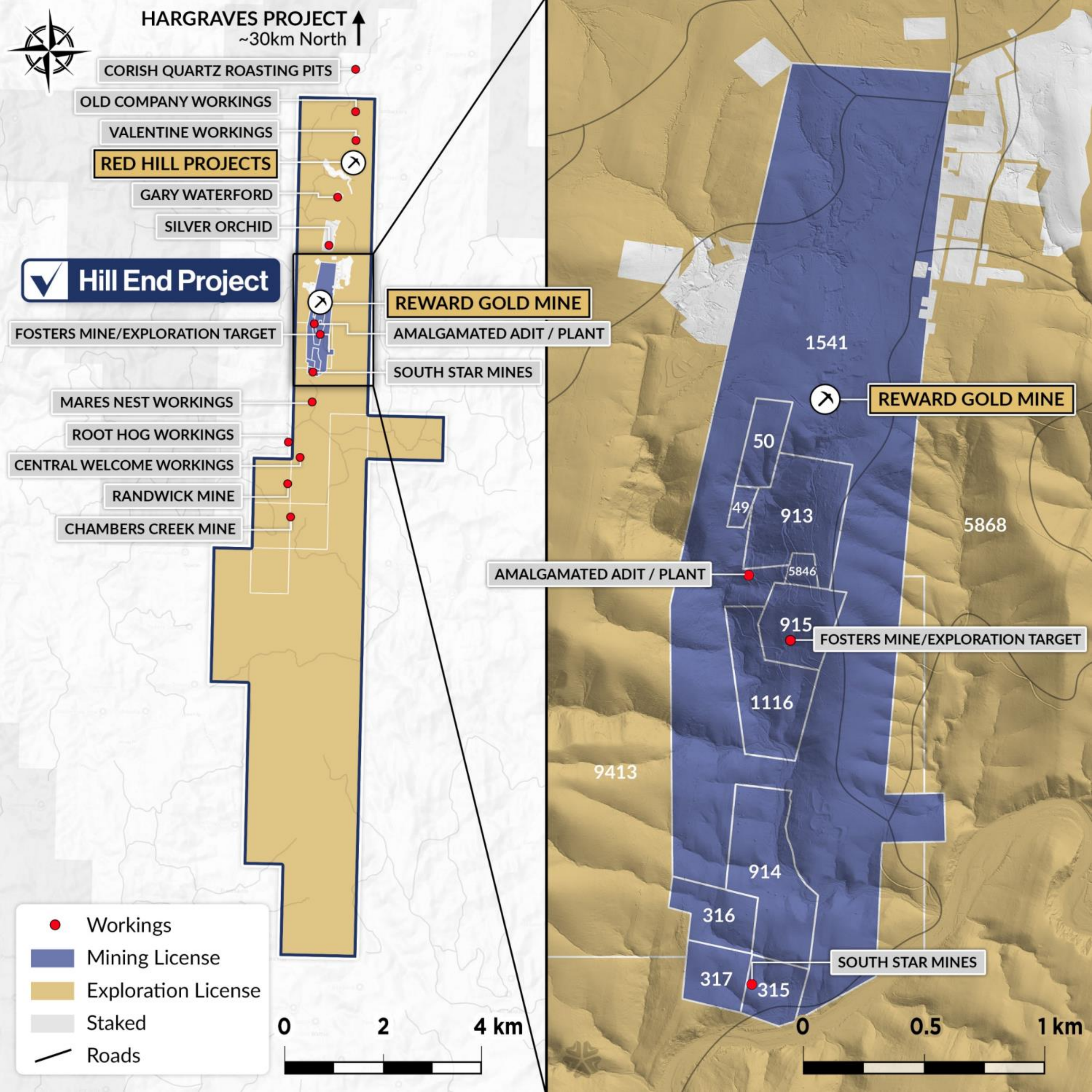
Scratching the Surface

21miles (34km) 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

Foundations
(Late 2024)

- Re-install refurbished Gekko Gravity Plant

PHASE 1

Production Kick-off
(2025)

- Gold production from stockpiles
- Commence mining at Reward Gold Mine
- Start at reduced throughput, ramp up with ore sorting

PHASE 2

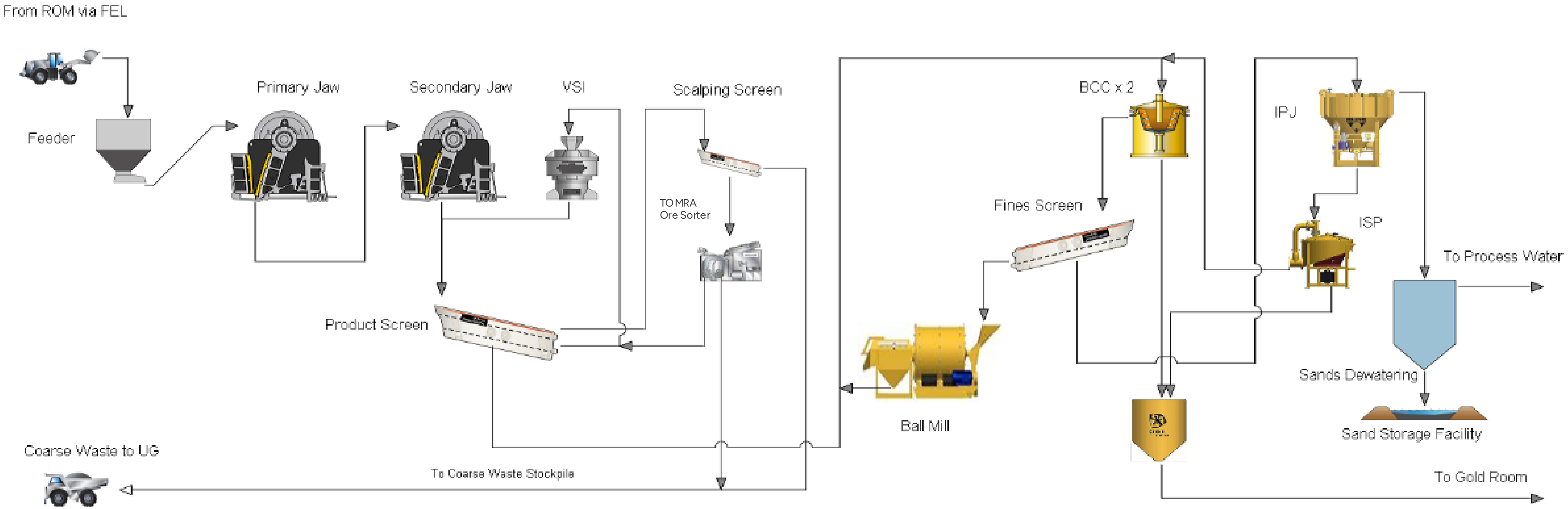
Growth & Leadership
(2025 →)

- Aggressive drilling to expand Hill End inventory
- Build robust ESG reputation
- Deliver shareholder value
- Establish as Australia's most prominent high-grade gold miner

PHASE 3

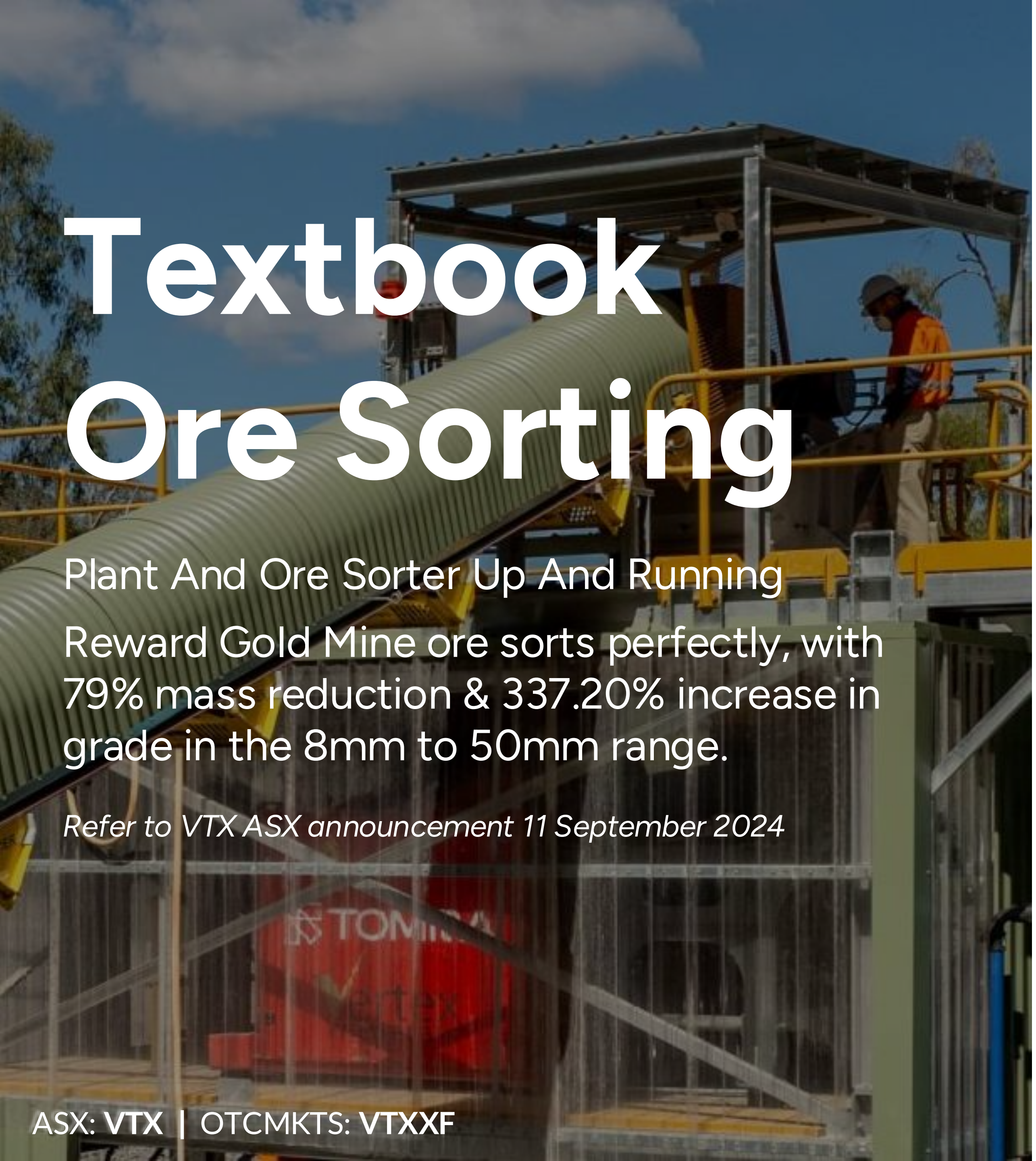
Gekko Gravity Gold Plant installed at Reward Gold Mine with a TOMRA ore sorter

Under $9M AUD total build cost



The New plant is located at the old plant site Utilising the existing:

- Gold Room
- Water systems
- Power generation
- Change Rooms
- Workshop
- Storeroom
- Jaw Crusher
- Access Roads
- Security System
- Offices
- Crib Room



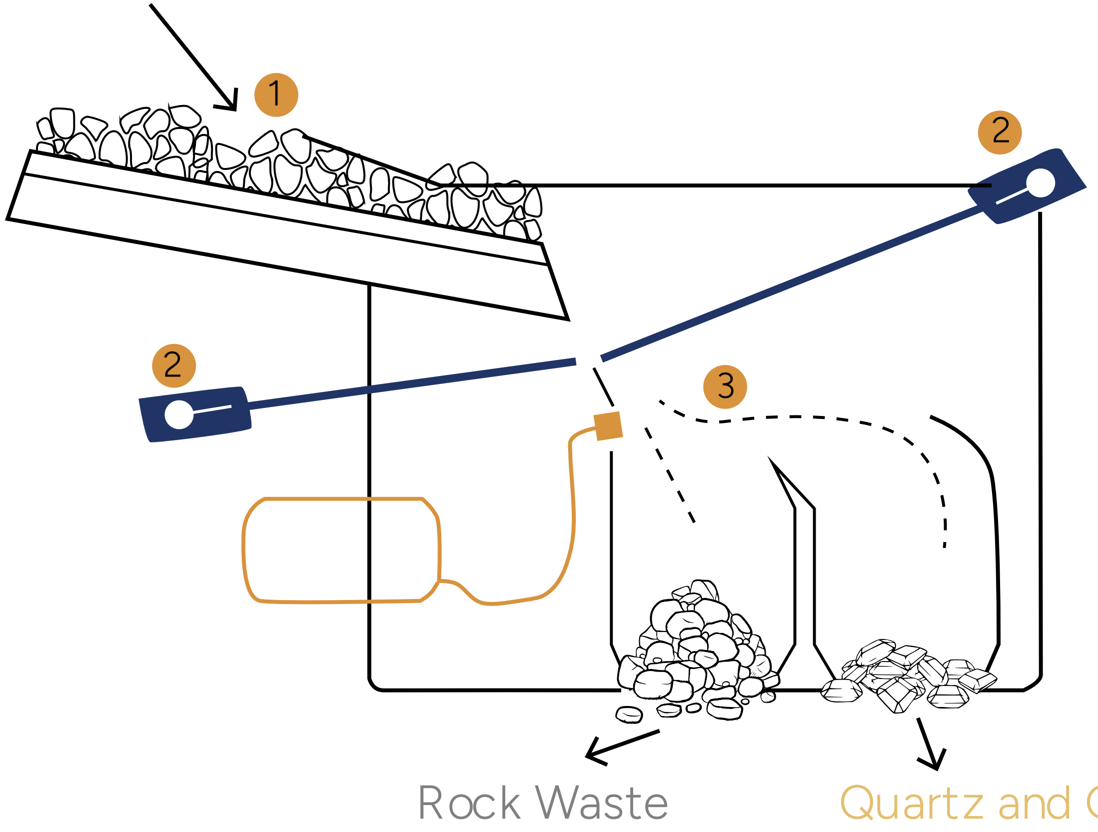
Textbook Ore Sorting

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

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



Benefits of Gravity Plant with Sorter

Efficiency & Automation

- Treats up to 110 ktpa
- Fully automated – can be run from phone app
- Only 2 operators required → lower costs
- Processes same ounces in 1/3 of the time

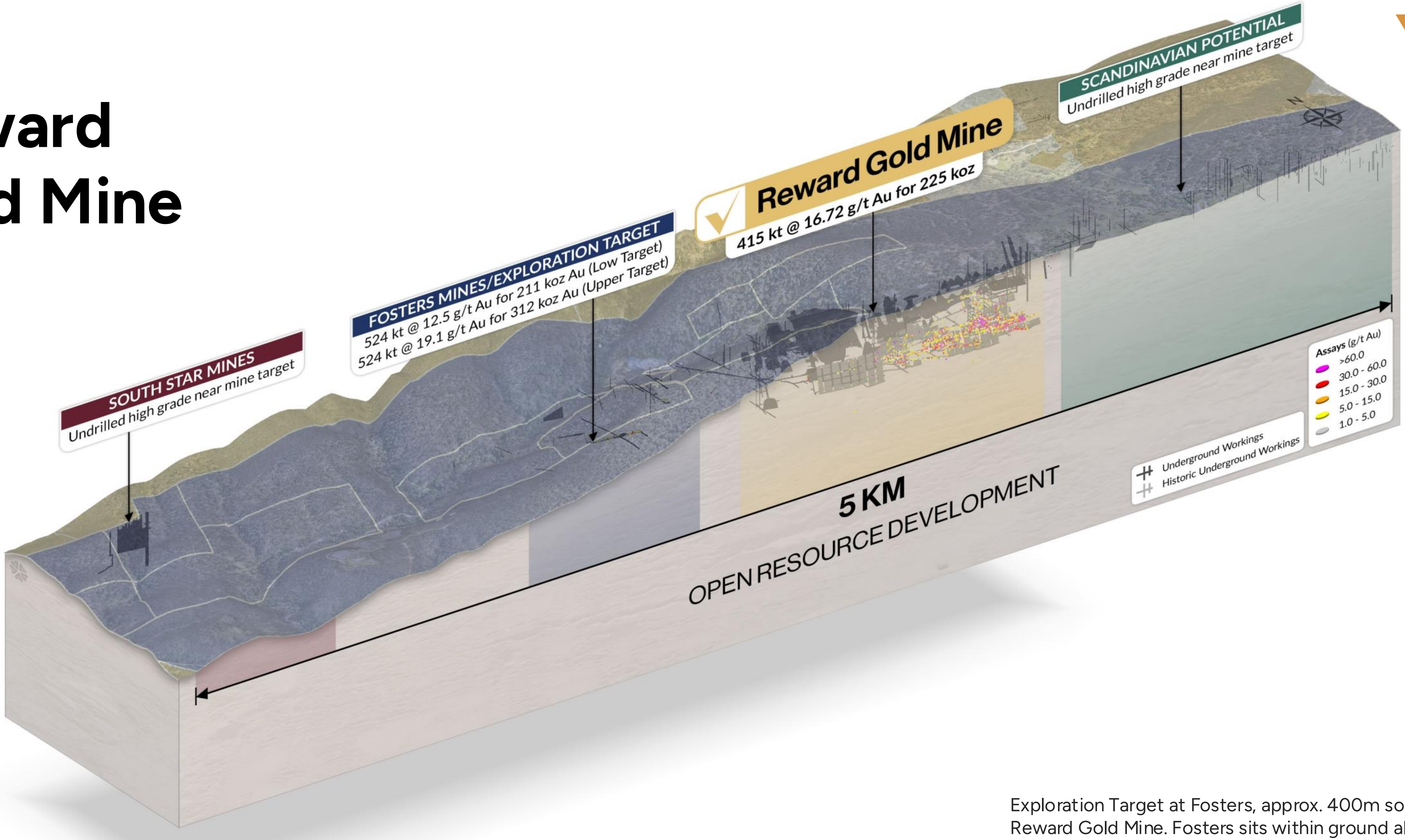
Sustainability

- No cyanide, no chemicals
- 50% less water use
- Only 1/3 of tails (sand material) produced
- Lower power consumption

Safety & Security

- Full monitoring (density, flows, mass, sampling)
- State-of-the-art safety systems
- Ergonomic design
- Rigid gold security
- Sorter increases grade to gravity circuit

Reward Gold Mine



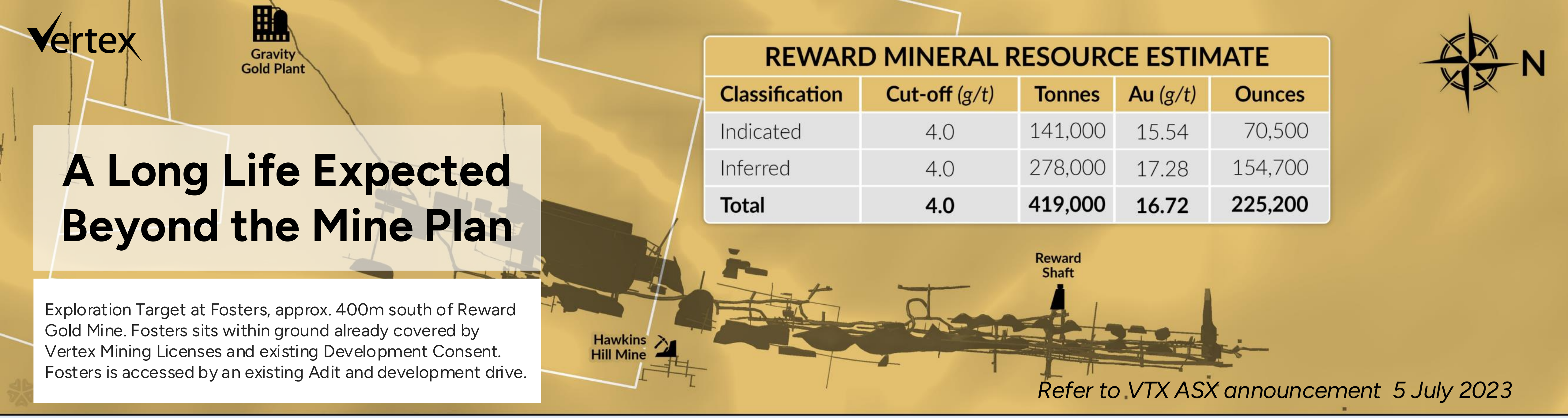
Exploration Target at Fosters, approx. 400m south of Reward Gold Mine. Fosters sits within ground already covered by Vertex Mining Licenses and existing Development Consent. Fosters is accessed by an existing Adit and development drive.

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

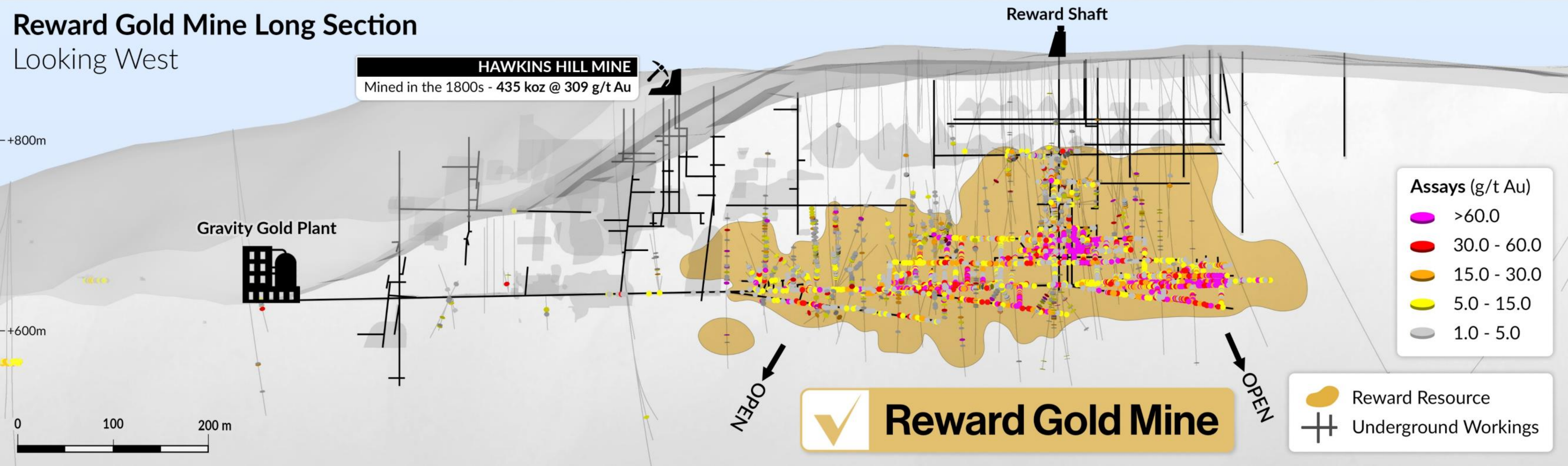
Classification	Cut-off *(g/t)*	Tonnes	Au *(g/t)*	Ounces
Indicated	4.0	141,000	15.54	70,500
Inferred	4.0	278,000	17.28	154,700
Total	**4.0**	**419,000**	**16.72**	**225,200**



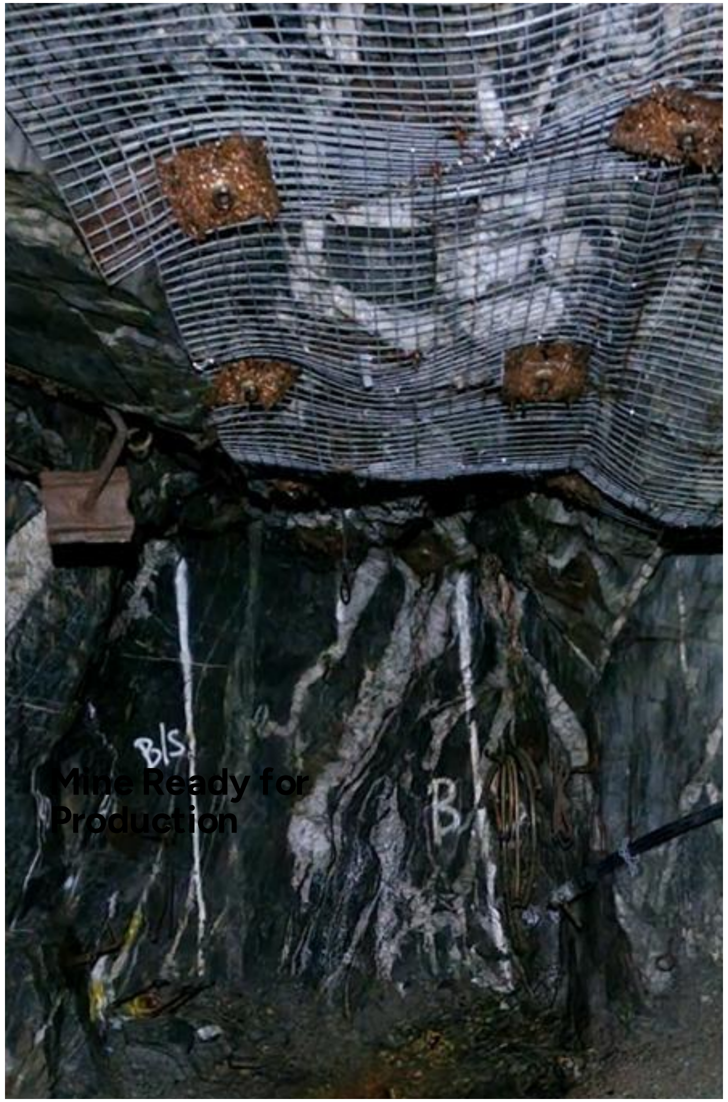
Refer to VTX ASX announcement 5 July 2023

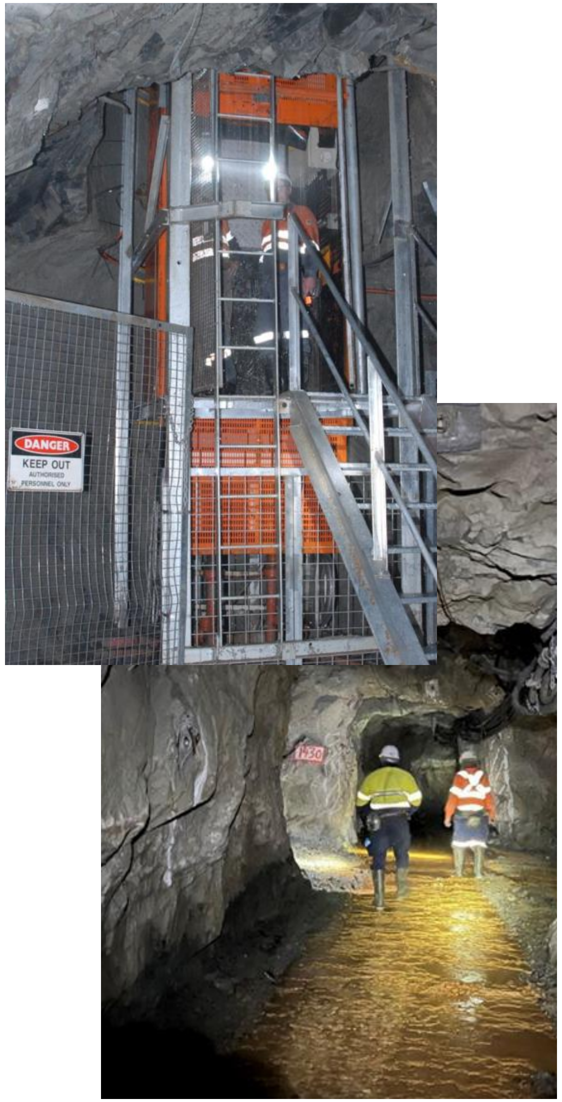
Reward Gold Mine Long Section

Looking West



Reward Gold Mine – Fully developed and where Mining





Refer to VTX ASX announcement 3 June 2025

Reward Gold Mine Financials from PFS

At only AUD $3,000 *(Based on ASX: VTX announcement 26 February 2024)*

Based on Reserve 2-year production – Management Mine Plan 6 years

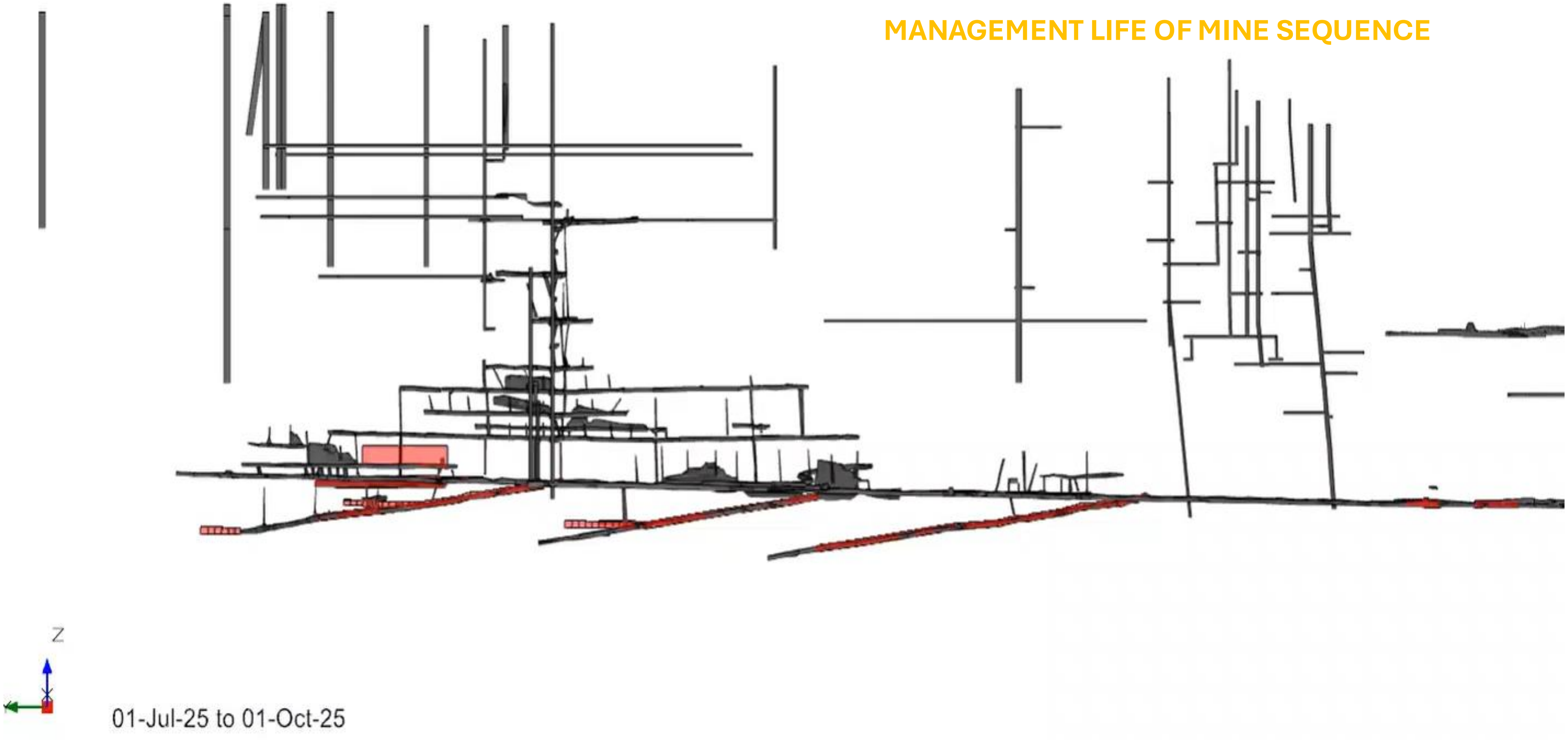
Project Life 2 years of minerals processing activities	**Gold Production** 49,890 ounces	**Gross Revenue** $150 million
CAPEX $17 million Pre Production	**AISC** AUD $1,833 per ounce	**Total Employment** 70 Full Time Employees
Free Cashflow $41 million pretax	**NPV at 7%** $33.3 million pretax	**IRR** 110% pretax

Does not include stockpile processing

Note: based on Indicated Resource only –This is a JORC rule. (The model uses 50kozs of the 225kozs at 16.7 g/t)First 6 months day shift only at a reduced input.

VTX PFS announcement 26th of February 2024 at gold price of $3000 Aud

MANAGEMENT LIFE OF MINE SEQUENCE



Vertex MINERALS

Vertex will carry out its own resource development utilizing its own rig

The diamond rig will be utilised to target

- The ultra high grade vein system that runs down plunge of Reward Gold Mine
- To bring the Reward Resource into Indicated-225 kozs@16.7 grams
- The exploration target

Environmental and Sustainable Mining Objectives

Efficient & Responsible Processing

- Gravity Recoverable Gold
- Minimal grind (200–650 micron) No ball Mill
- 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

Environmentally Friendly Tailings & Waste

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

Vertex Summary

Production & Assets

01

Australia's next high-grade gold producer

02

Hill End (1.8 Moz historic production)

03

40 km from Cadia, one of the world's largest gold mines

04

Underground mining commenced

Team & Strategy

01

Blue chip exploration ground in Australia's Lachlan Fold Belt

02

+3000 historic workings, BIG system, largely untapped

03

Talented, dedicated operations team

04

Proven Board & Management

Contact

Tully Richards

Tully@vertexminerals.com.au

Roger Jackson

roger@vertexminerals.com.au

Head Office

Bowen Street Hill End
+61 2 7229 4849

Website

www.vertexminerals.com.au

Email

admin@vertexminerals.com.au

Vertex MINERALS

Vertex MINERALS

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
Sub Total		**419**	**16.7**	**225**
Hargraves Project				
	Indicated	1,109	2.7	97
	Inferred	1,210	2.1	80
Sub Total		**2,319**	**2.4**	**178**
Red Hill Project				
	Indicated	413	1.4	19
	Inferred	1,063	1.8	61
Sub Total		**1,476**	**1.7**	**80**
Project Total				
	Indicated	1,663	3.5	187
	Inferred	2,551	3.6	296
Grand Total		**4,214**	**3.6**	**483**

Robust and Primed to Grow Gold Inventory

Where statements in this announcement refer to exploration results which 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 materially modified from the original market announcements.

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)

Refer to VTX ASX announcement 5 July 2023