

## Updated Investor Presentation – August 2020

### Highlights

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- **Total resources increased to 180,600 oz (42% increase)**
- **Updated to reflect maiden resource delivered at Caledonian, Donkey Hill, and Currajong deposits**

3D Resources Limited (ASX:DDD) (**3D Resources** or the **Company**) is pleased to release an updated investor presentation post the announcement of a 42% upgrade of resources at the Adelong Goldfield. The updated presentation includes the maiden resources for the Caledonian and Donkey Hill deposits, and a remodelling of resources at the Currajong deposit with the inclusion of a resource of parallel vein systems to the east of Currajong East.

**-ENDS-**

Released with the authority of the board.

For further information on the Company and our projects, please visit: [www.3dresources.com.au](http://www.3dresources.com.au)

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#### **About 3D Resources Ltd**

3D Resources Limited is a minerals explorer targeting high value commodities (gold, copper, lead, zinc and nickel) across Australia with a particular focus on Gold and owns the Adelong Goldfield in New South Wales (NSW) together with advanced mineral projects in Western Australia (WA).

In May 2020, 3D Resources took control of the Adelong Gold Project which covers 70km<sup>2</sup>, comprising the old Adelong Goldfield situated in Southern NSW located approximately 20km from Tumut and 80km from Gundagai. At the time of acquisition, the project carried a JORC Resource of 127,000oz of gold and 17 freehold properties with all mining and processing plant equipment onsite, and until recently was a producing mine. In August 2020, the Company completed an evaluation of some of the additional deposits that had been drilled. This increased the JORC Resource to 180,600oz of gold.

The Company's Western Australian projects are located in the Proterozoic of the East Kimberley, and the highly prospective Archaean Cosmo Newbery area, in the Eastern Goldfields



**3D RESOURCES**  
**W**  
LIMITED

Offices  
Jaw Crusher  
Processing Plant  
Ball Mill  
Cone Crusher  
Core Shed  
Mine Portal

Investor Presentation - August 2020

# IMPORTANT INFORMATION



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## **FORWARD LOOKING STATEMENTS**

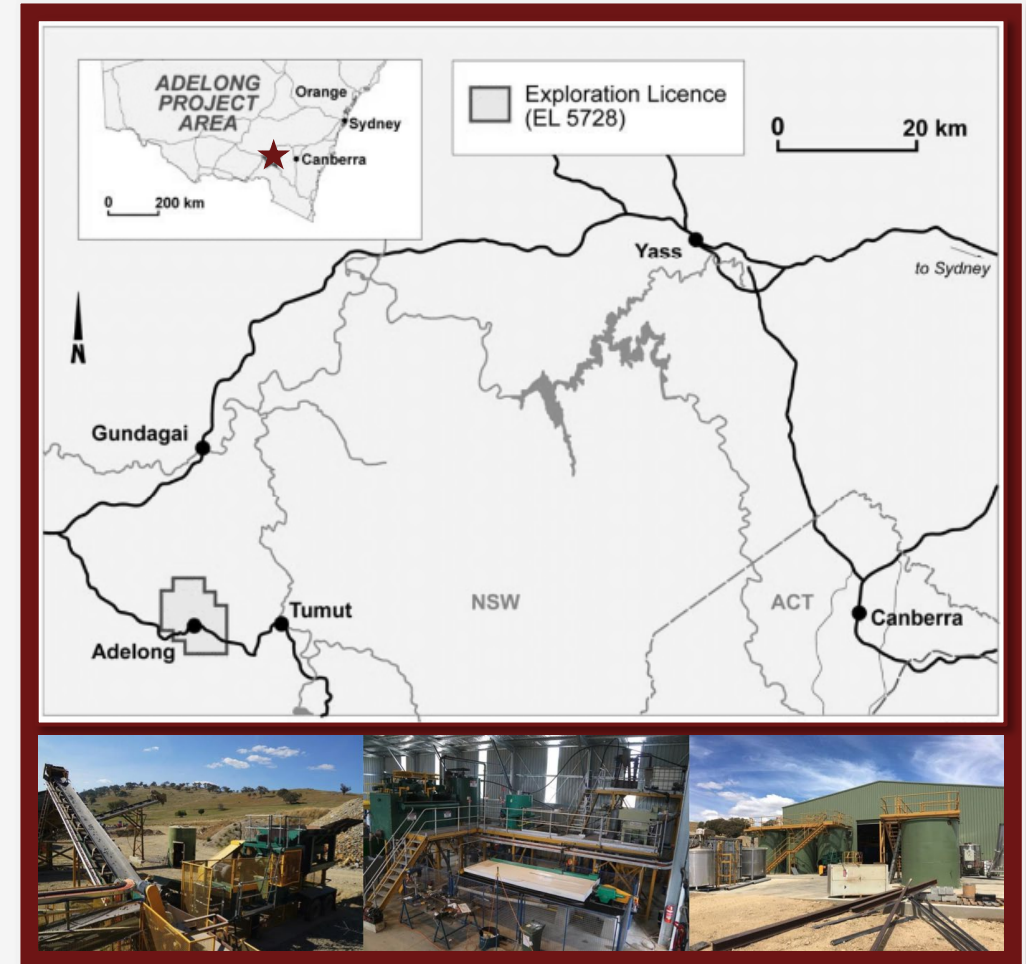
Various statements in this presentation constitute statements relating to intentions, future acts and events. Such statements are generally classified as “forward looking statements” and involve known and unknown risks, uncertainties and other important factors that could cause those future acts, events and circumstances to differ materially from what is presented or implicitly portrayed herein. Words such as “anticipates”, “expects”, “intends”, “plans”, “believes”, “seeks”, “estimates” and similar expressions are intended to identify forward-looking statements. DDD caution shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of DDD only as of the date of this presentation. The forward-looking statements made in this presentation relate only to events as of the date on which the statements are made.

## **COMPETENT PERSON – JORC Code Compliant Mineral Resource Estimate and Exploration Results**






This Presentation contains a summary of resource estimates published and released in an announcement by 3D Resources Ltd on 17 August 2020 with full disclosure of the JORC Table 1. Mr Peter Mitchell has summarised the exploration results and geological data for the purpose of this presentation. Mr Peter Mitchell is a Member of the Australian Institute of Mining and Metallurgy and is Managing Director of 3D Resources Ltd. Peter Mitchell has sufficient experience that is relevant to the types of deposits being explored for and qualifies as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (JORC Code 2012 Edition). Mr Mitchell consents to the inclusion in this presentation of the matters based on their information in the form and context in which it appears.

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## Targeting Near Term Gold Production

| <br><b>Adelong Goldfield (NSW) Projects</b>  | <br><b>180K Total JORC Resource<sup>1</sup></b>  | <br><b>Significant Resource Potential</b>  | <br><b>Permitted with Processing Options</b>   | <br><b>Near Term Production Target</b>   |
|---|---|---|---|---|
| <ul style="list-style-type: none"><li>Projects in Adelong Goldfields with historic production of 800k ozs</li><li>Exploration permit covers 70km<sup>2</sup> with mining permit covering 1.5km<sup>2</sup></li><li>Flagship Challenger Gold Project is initial target given historical production and existing Resource</li></ul> | <ul style="list-style-type: none"><li>Challenger deposit Resource of 89k ozs @ 2.71g/t</li><li>Currajong deposit Resource of 45k ozs @ 2.61g/t</li><li>Donkey Hill deposit Resource of 17k ozs @ 5.03g/t</li><li>Caledonian deposit Resource of 30k ozs @ 5.94g/t</li></ul> | <ul style="list-style-type: none"><li>36,000m of historical drilling results being re analysed</li><li>No exploration to date deeper than 200m below surface</li><li>Old gold mines never tested for extensions</li><li>Underexplored geological systems similar to systems that support large deposits in the region</li></ul> | <ul style="list-style-type: none"><li>Mining permit in place</li><li>Processing plant on site with 100% ownership</li><li>Potential to process mullock to generate early cashflow</li></ul> | <ul style="list-style-type: none"><li>Strategic Review of Metallurgical work and future development options underway</li><li>Low cost, quick to market options a priority given current Australian gold pricing environment</li></ul> |

<sup>1</sup> Refer ASX Release dated 17 August 2020

## Board of Directors

### Ian Hastings Chairman

Ian is a Lawyer and accountant with many years experience in corporate finance, investment, securities markets compliance and regulation and has over 30 years' experience in the finance industry and regulatory bodies.

### Peter Mitchell Managing Director

Peter is a qualified Geologist with experience in gold, uranium, mineral sands, and base metals projects, and is a former mining advisor to the Department of Mines and Energy, Northern Territory. Mr. Mitchell has many years' experience in the mining industry and has worked on mining projects around the world.

### John Chegwidan Non-Exec Director

John is a Chartered Accountant with over 30 years' experience and has a strong knowledge of the mining and resources sector in Australia, with key competencies in corporate advising, exploration, materials processing, marketing and financial management in relation to junior mining.

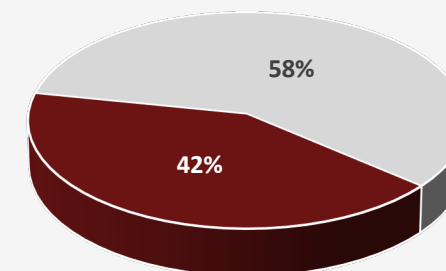
## Advisors and Consultants

3D Resources has started to build a team of technical people that have key experience in the Adelong Project and have the capacity to assist in returning the project to commercial production. This team includes:

- **Bill Flannery** - Highly experienced engineer that has been responsible for building and operating many gold processing plants
- **Rod Elvish** (Metallurgist)
- **Rod Gray** (Mine Manager and consultant on mine development options)
- **Colin Dell** (Mine Geologist)

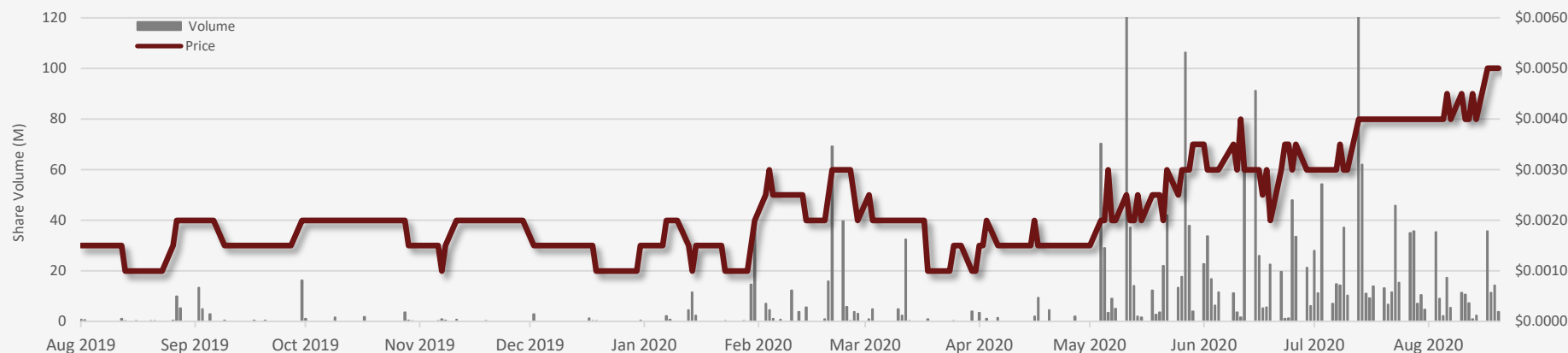
## Shareholders

Significant shareholder support from the top 20 shareholders.



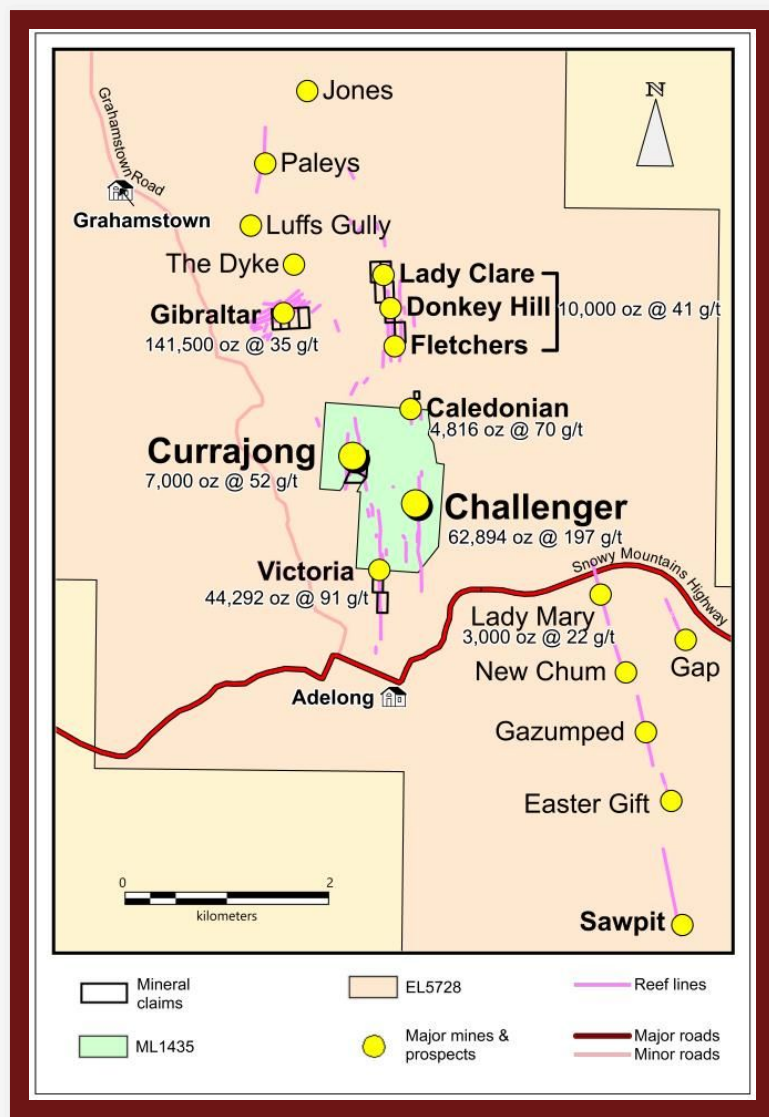
■ Top 20 Shareholders    □ Others

## Share Price



## Corporate

|                                 |                   |
|---------------------------------|-------------------|
| ASX Ticker                      | <b>DDD</b>        |
| Share Price (as at 20 Aug 2020) | A\$0.005          |
| Shares on issue                 | 3,321m            |
| Options & Perf. Rights          | 395m              |
| Market cap (undiluted)          | A\$16.5m          |
| Debt (30 June 2020)             | A\$0.0m           |
| 52 week trading range           | \$0.001 – \$0.005 |



Map showing exploration and mining licences with estimated historical production

## Adelong Goldfield

Historically the Adelong goldfield has produced around 800k ozs of gold. Many of the hard rock mines recorded very high grades averaging in excess of one ounce of gold per ton of ore.

### Development Stage

#### Challenger Gold Project

- Near term development option
- Project Resource of 89k ozs @ 2.71g/t<sup>1</sup>
- The high-grade veins continue to depth and will require access via a decline.
- Resource that can potentially be accessed via open cut mining

#### Currajong Gold Project

- Large Scale Open Cut Potential
- Project Resource of 45k ozs @ 2.61g/t<sup>1</sup>
- Pockets of very high-grade ores were mined
- Larger lower grade mineralisation makes this an attractive target for open cut mining

### Exploration Potential

#### Donkey Hill

- Project Resource of 17k ozs @ 5.03g/t<sup>1</sup>
- Five parallel vein systems identified
- Drilling to be undertaken

#### Caledonian

- Project Resource of 30k ozs @ 5.94g/t<sup>1</sup>
- Past drilling showed potential with high grades encountered

#### Sawpit

- Specific reports on the Sawpit area record the presence of lodes from 1 to 6 m wide assaying up to 60 g/t.

<sup>1</sup> Refer ASX Release dated 17 August 2020

## Strategic Plan

Maximising Value

Strategic plan focused on near term cash flow options to fund exploration

### Historical

Logging and review of extensive historic exploration data

01

### Resource

Deliver Resource upgrade

02

### Drilling

Commence High impact drilling program

03

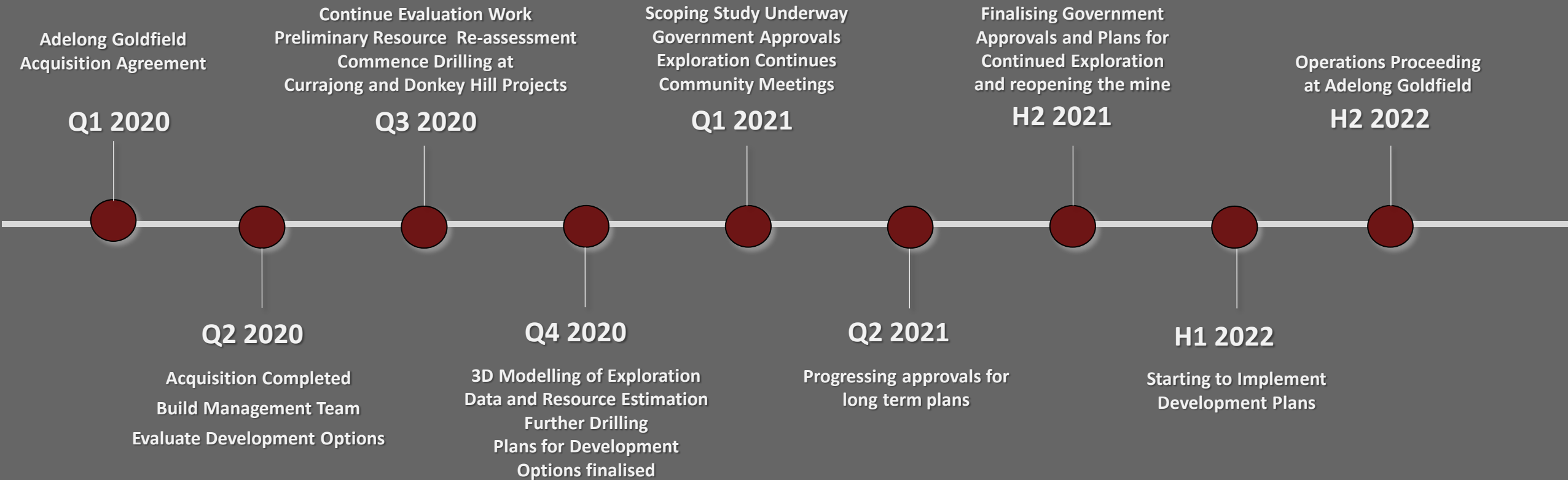
### Site

Optimise Existing Plant and Site Equipment

04



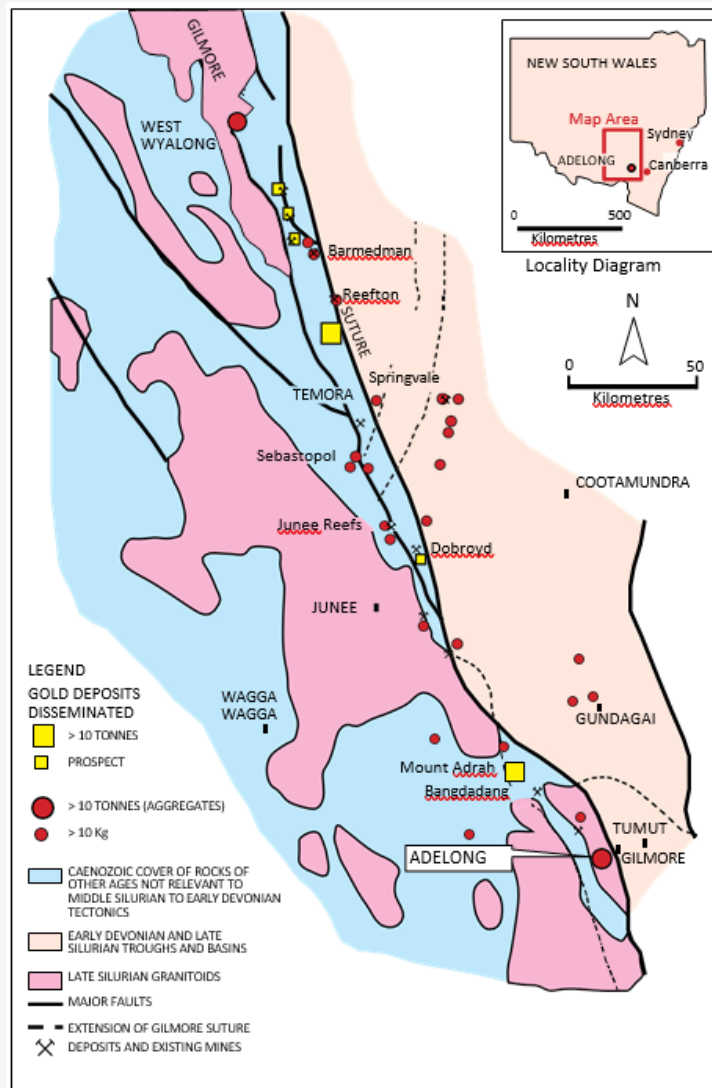
# Road Map



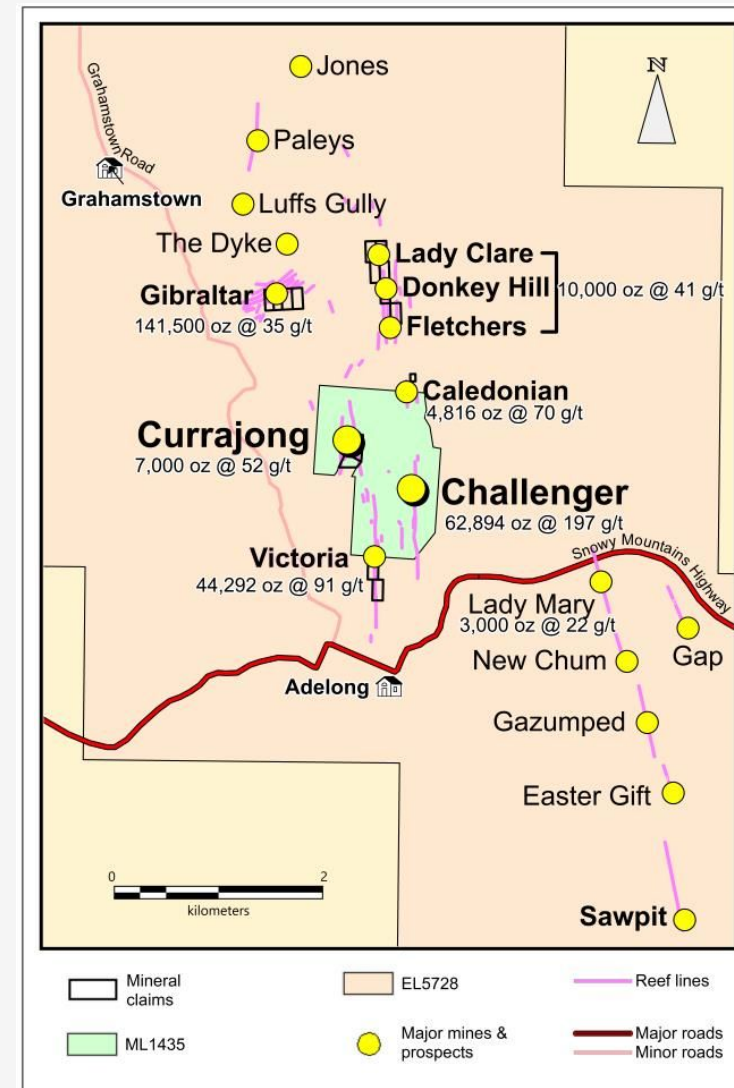
# Adelong Goldfield– Overview

## Historical High-Grade Production of Around 800k ozs

- Adelong Goldfield forms part of a much larger structural feature known as the Gilmore Suture. This major fault zone can be traced for several hundred kilometres and is associated with a number of significant gold deposits over at least 200km of this structure.
- In the Adelong Goldfield the shear zone bifurcates with a western fault following the Adelong Creek (west of the gold deposits) and with main structure to the east of the main mines.
- Gold mineralisation occurs in a series of sub-parallel faults that can be traced through the Wondalga Granodiorite for more than 4km north of Adelong.
- Historically the Adelong goldfield has produced around 800k ozs of gold from within the company's licenses. Many of the hard rock mines recorded very high grades averaging in excess of one ounce of gold per ton of ore.



Map showing regional geology and gold deposits



Map showing exploration and mining licences with estimated historical production

# Challenger Gold Project

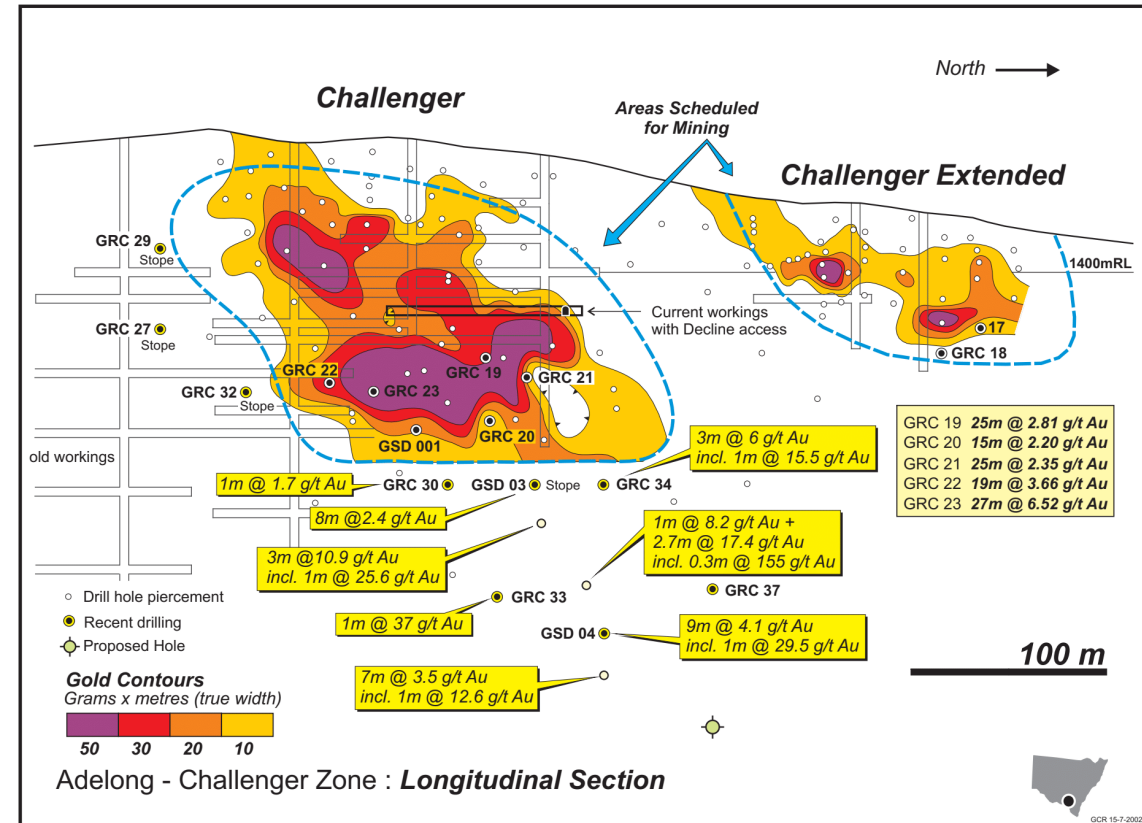
## Near Term Development Option

- Two separate parallel veins were mined in the past with average grades mined estimated to be **87g/t Au** (2.8oz of gold per ton). Between these two shear hosted veins is a breccia zone that is up to 15metres wide that represents resources to be mined at Challenger. The veins continue to depth and so there would be scope for high grade ores at depth. Challenger Extended is the northern extension to the deposit that is largely unexplored at depth.
- Currently the decline has provided access to a level approximately 80m below surface as shown on this section.
- The high-grade veins continue to depth and will require access via a decline.

### Challenger Project JORC Code compliant Mineral Resource Estimate (1g/t Au cutoff)<sup>1</sup>

| Resource Class | Proportion by oz | tonnes (t)       | Gold (g/t)  | Gold (oz)      |
|----------------|------------------|------------------|-------------|----------------|
| Measured       | 51%              | 459,000          | 3.07        | 45,000         |
| Indicated      | 26%              | 268,000          | 2.67        | 23,000         |
| Inferred       | 23%              | 290,000          | 2.16        | 20,000         |
| <b>Total</b>   | <b>100%</b>      | <b>1,017,000</b> | <b>2.71</b> | <b>89,000*</b> |

\* errors due to rounding



Challenger Project - Longitudinal Cross Section

- This longitudinal section shows the distribution of gold mineralisation in the Challenger Mine.
- The blue dashed line outlines the resources that can potentially be accessed via open cut mining based on earlier pit optimisation studies

<sup>1</sup> Refer ASX Release dated 17 August 2020

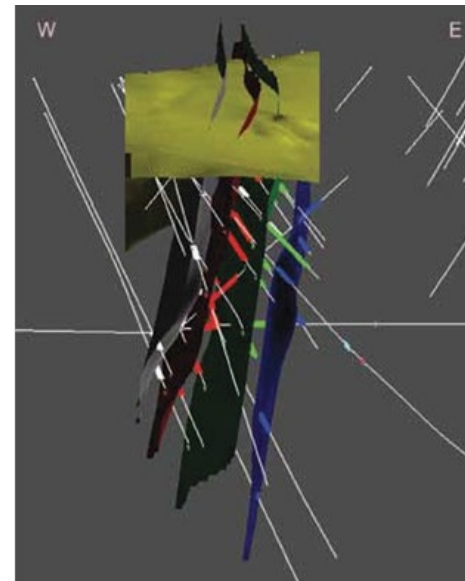
# Currajong Gold Project

## Large Scale Open Cut Potential

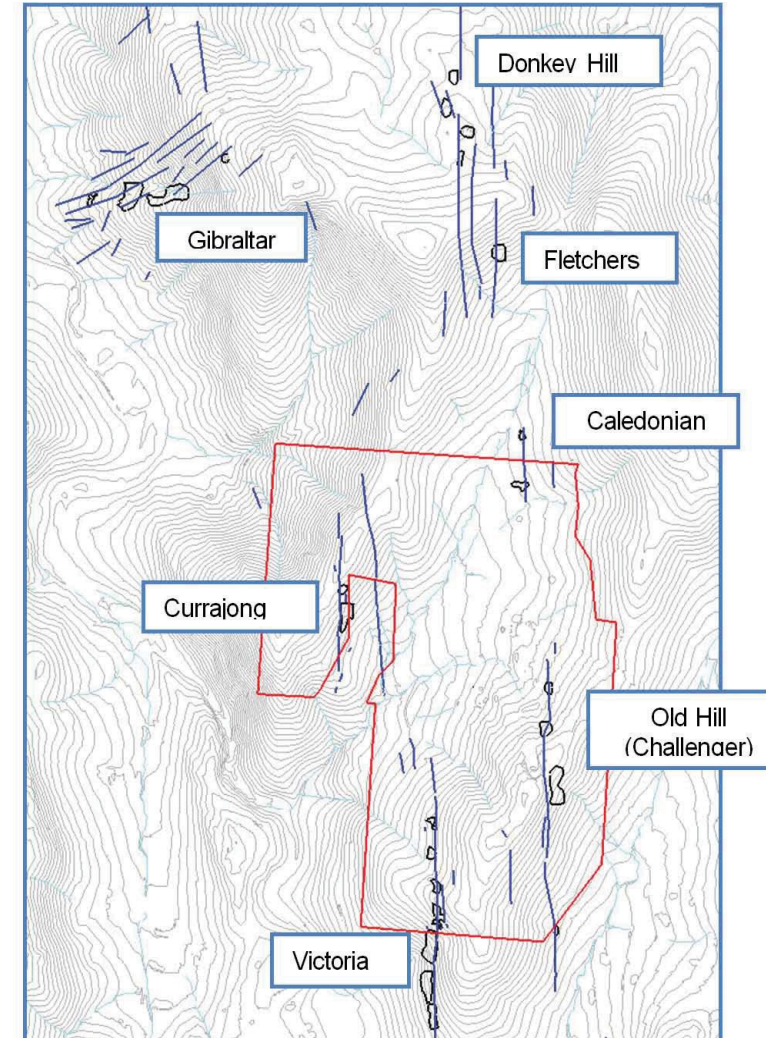
- The Currajong Mine has largely worked the “Main reef” but drilling and records show that there are a series of vein deposits with the main vein up to 17m wide and formed by brecciated silicified rock
- Some pockets of very high grade ores were mined and the overall historical production is modest with only 8,000oz having been produced.
- While much of the historic mining was via shafts to about 100m, an adit level development was driven 250m in from Adelong Creek that gives access to Currajong at around 150m below surface
- The larger lower grade mineralisation makes this an attractive target for open cut mining but there is also potential for lower cost underground mining from the adit level.

### Challenger Project JORC Code compliant Mineral Resource Estimate (1g/t Au cutoff)<sup>1</sup>

| Resource Class | Proportion by oz | Tonnes (t)     | Gold (g/t)  | Gold (oz)     |
|----------------|------------------|----------------|-------------|---------------|
| Measured       | -                | -              | -           | -             |
| Indicated      | 22%              | 126,000        | 2.57        | 10,400        |
| Inferred       | 78%              | 407,000        | 2.63        | 34,400        |
| <b>Total</b>   | <b>100%</b>      | <b>533,000</b> | <b>2.61</b> | <b>44,800</b> |



Currajong vein surfaces



Project area mineralised reefs & mullock

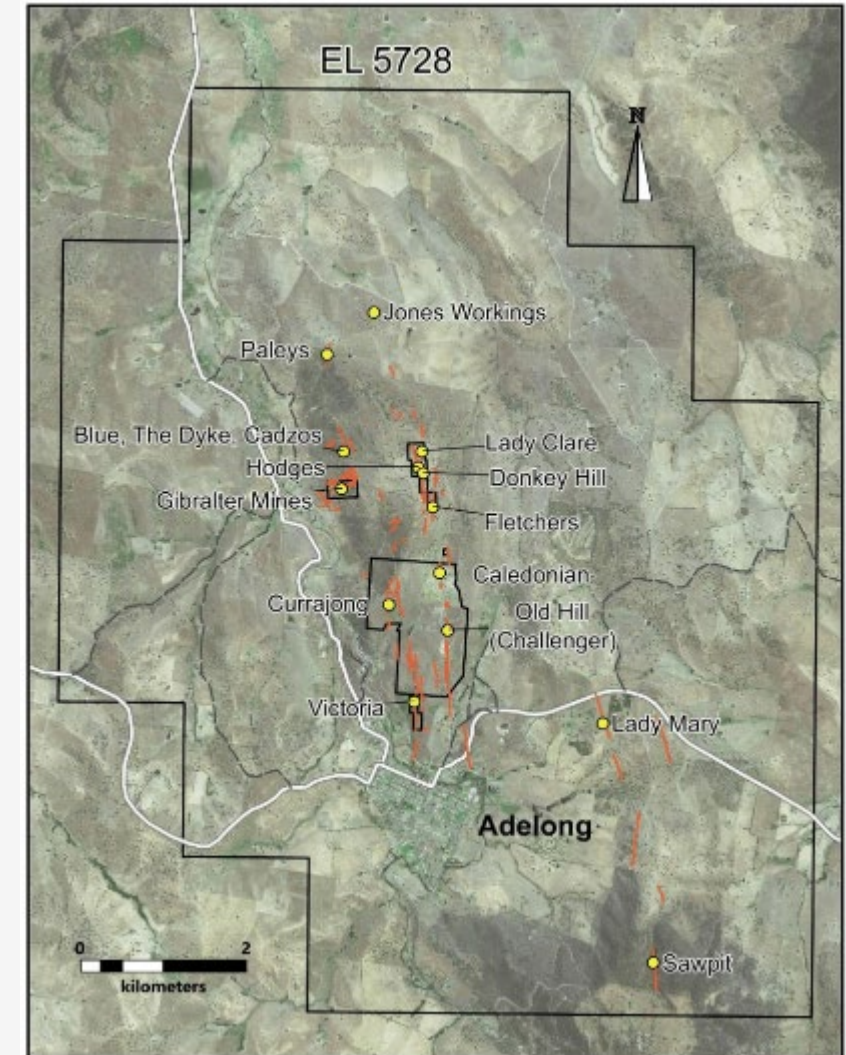
<sup>1</sup> Refer ASX Release dated 17 August 2020

# Additional Adelong Goldfield Projects

## Exploration for Additional Inferred Resources<sup>1</sup>

With some additional drilling 3D Resources also believes that it can quickly generate additional Inferred Resources for Donkey Hill, Gibraltar, Sawpit and some of the parallel structures to Currajong that are currently excluded from the resource estimates.

- **Donkey Hill**
  - Four parallel vein deposits have been modelled. Drilling to be undertaken
  - Project Resource of 17k ozs @ 5.03g/t1
- **Caledonian**
  - Past drilling showed potential as it had one of the highest grades encountered with 117 g/t Au
  - Project Resource of 30k ozs @ 5.94g/t1
- **Sawpit**
  - Historical reports indicate that both narrow high-grade quartz veins and lower grade disseminated mineralisation was mined at certain locations along this trend.
  - Specific reports on the Sawpit area record the presence of lodes from 1 to 6 m wide assaying up to 60 g/t.



Map showing projects in the Adelong Region

<sup>1</sup> Refer ASX Release dated 17 August 2020

# Plant and Development Options

## Ability To Produce Gold Onsite

### Plant

- The acquisition included all the plant and equipment from the past operation.
- Currently the plant is designed to produce a gravity concentrate and a flotation concentrate that can be cyanided.

### Upgrade and Reconfigure

- Various studies have shown the plant will require upgrading and reconfiguring to operate efficiently. 3D Resources plans to review these studies as well as alternate options for processing the ores before investing in re-opening the mine



## Development Options

3D Resources plans to undertake a re-assessment of the development options. This will include:

- Short term options to process mullock not suitable for the onsite plant externally
- Upgrading the existing Adelong plant.
- Review contract mining options for developing Challenger and Currajong as open cut operations (or possibly underground)
- Increase throughput capacity and production rates
- Expanding resources
- Initiating a regional exploration program





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