

## ADELONG PLANT UPGRADE UNDERWAY

### HIGHLIGHTS

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- **3D Resources agrees to appoint highly experienced group to undertake EPCM work on the Adelong gold processing plant**
- **Preliminary plans provide for a doubling of plant capacity and a pre-concentration stage**
- **Two Metallurgical testing programs underway**

3D Resources Ltd (ASX: DDD) (“3D Resources” or the “Company”) is pleased to announce that it has commenced the process of upgrading its Adelong gold Processing Plant and has agreed to appoint Mr. William (Bill) Flannery through his company Timora Pty Ltd (“Timora”) to provide the specialised Engineering, Procurement, Construction and Management (“EPCM”) Services to complete that task.

#### **The Chairman of 3D Resources, Mr. Ian Hastings, commented:**

*“The Company is pleased with the progress since acquiring the Adelong Gold Project and this step to commence the upgrade of the plant is particularly significant. The Company has always aimed to recommence production as soon as possible and upgrading and reconfiguring the plant is one of the most important steps in that process. The work and reviews to date have generated substantial understanding of the project which will drive the plant upgrades now underway.”*

As previously announced, the Company has been undertaking an extensive strategic review into all aspects of operations at Adelong. The review has identified that the plant is capable of being upgraded and reconfigured to operate to a significantly higher level of efficiency, which together with expanded and upgraded resources will be necessary to maximise profitability.

The existing plant is designed to produce a high-grade gravity concentrate and a flotation concentrate that can be either sold, toll treated or cyanided in facilities at Adelong to recover the gold. Various studies have indicated the gold is recoverable at a coarse grind size, so the focus has moved towards taking advantage of that fact by introducing a pre-concentration stage through a two-stage grinding process.

#### **Plant Upgrade**

The Company is currently finalizing an EPCM contract to start the process of generating the more detailed plans and costings and to prepare for the work on construction of the upgraded plant.

Timora has formed a team of very experienced engineers to support their work on this project and they have worked with the Company over several months to assess options for the Adelong plant leading to:

- A recommendation to more than double the plant capacity with a view to initially improving the economies of scale during a single shift operation as well as providing the additional capacity for use as the increased resources are brought into the mining plan
- A proposal for improving efficiencies by looking at a pre-concentration stage to take advantage of the amenability of the Adelong ore to achieve improved recoveries at a coarser grind (300-1,000microns). This pre-concentration stage aims to reduce milling but also assists in reducing the volumes of fines disposal that would require additional capacity to the planned tailings dam.

## **Metallurgical Testing**

Two metallurgical tests are underway using Spirals and the Falcon Continuous Concentrator to determine recoveries vs mass pull using these gravity techniques as a means to pre-concentrate the mill feed.

## **Mr. William (Bill) Flannery (Metallurgist)**

Mr. Flannery is a well-known and accomplished Metallurgist that started his career in 1972 at the Bougainville Copper Mine but is better known for his activities in the gold sector and since 1992 has had direct responsibility for designing, modifying, building and operating at least 14 gold processing plants in Australia and overseas.

Mr. Flannery has further indicated his support for the Adelong Project by expressing his interest in becoming a shareholder and proposing that a substantial part of his fees and the costs of the plant upgrade be paid in shares with terms to be agreed.

**-ENDS-**

Released with the authority of the board.

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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.

In May 2020, 3D Resources took control of the Adelong Goldfield Projects which covers 70km<sup>2</sup>, comprising the old Adelong Goldfield situated in Southern NSW located approximately 20km from Tumut and 80km from Gundagai. The Adelong Goldfield has recorded historical production of over 800,000ozs of gold.

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.

## **Competent Persons Statement**

Information in this "ASX Announcement" relating to Exploration Results and geological data has been compiled by Mr. Peter Mitchell who is a Member of the Australian Institute of Mining and Metallurgy and is Managing Director of 3D Resources Ltd.

He 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). Peter Mitchell has consented to the release of the announcement.