

Adelong Gold Project Exploration Continues

HIGHLIGHTS

- **New exploration consultant engaged who has completed an initial site program**
 - **46 soil samples collected north of the Currajong gold deposit show preliminary arsenic and antimony presence**
 - **Full assay results pending from the lab, with a drilling program now in planning stage**
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Adelong Gold Limited (ASX:ADG) (Adelong Gold or the Company) is pleased to provide an update on the recent exploration activities at the Adelong Gold Project, including the engagement of a newly appointed exploration consultant and the completion of an initial site program.

Exploration Consultant Appointed

Adelong Gold has engaged Steven Cooper, Principal Consulting Geologist from Orogenic Exploration Pty Ltd, as the new exploration consultant. With extensive experience in gold exploration, Steven brings a wealth of knowledge to our team as we advance the Adelong Gold Project.

Initial Site Program Completed

Orogenic Exploration has already commenced work, completing an initial site program at the Adelong Gold Project. This program focused on an area north of the Currajong deposit, where 46 soil samples were collected and analysed using portable X-ray fluorescence (pXRF). Preliminary data indicates the presence of arsenic and antimony, which are often associated with gold mineralisation.

- **Soil Sampling** - A total of 46 soil samples were collected and analysed using pXRF
- **Key Findings** - Initial pXRF data shows the presence of arsenic and antimony. Complete assay results from ALS Geochemistry are expected shortly
- **Magnetic Susceptibility** - The magnetic susceptibility of all samples was measured, and data is currently being processed.

Adelong Gold Managing Director Ian Holland commented:

“The initial results are encouraging and align with our broader exploration strategy. The presence of arsenic and antimony in these samples is a positive indicator of potential gold mineralisation. We look forward to further results and expanding our resource base.”

Next Steps

The collected soil samples have been sent to ALS Geochemistry for detailed analysis, with results expected in the coming weeks. Additionally, planning is underway for a targeted drilling program to increase confidence in existing resources and extend known mineralisation at the Adelong Gold Project.



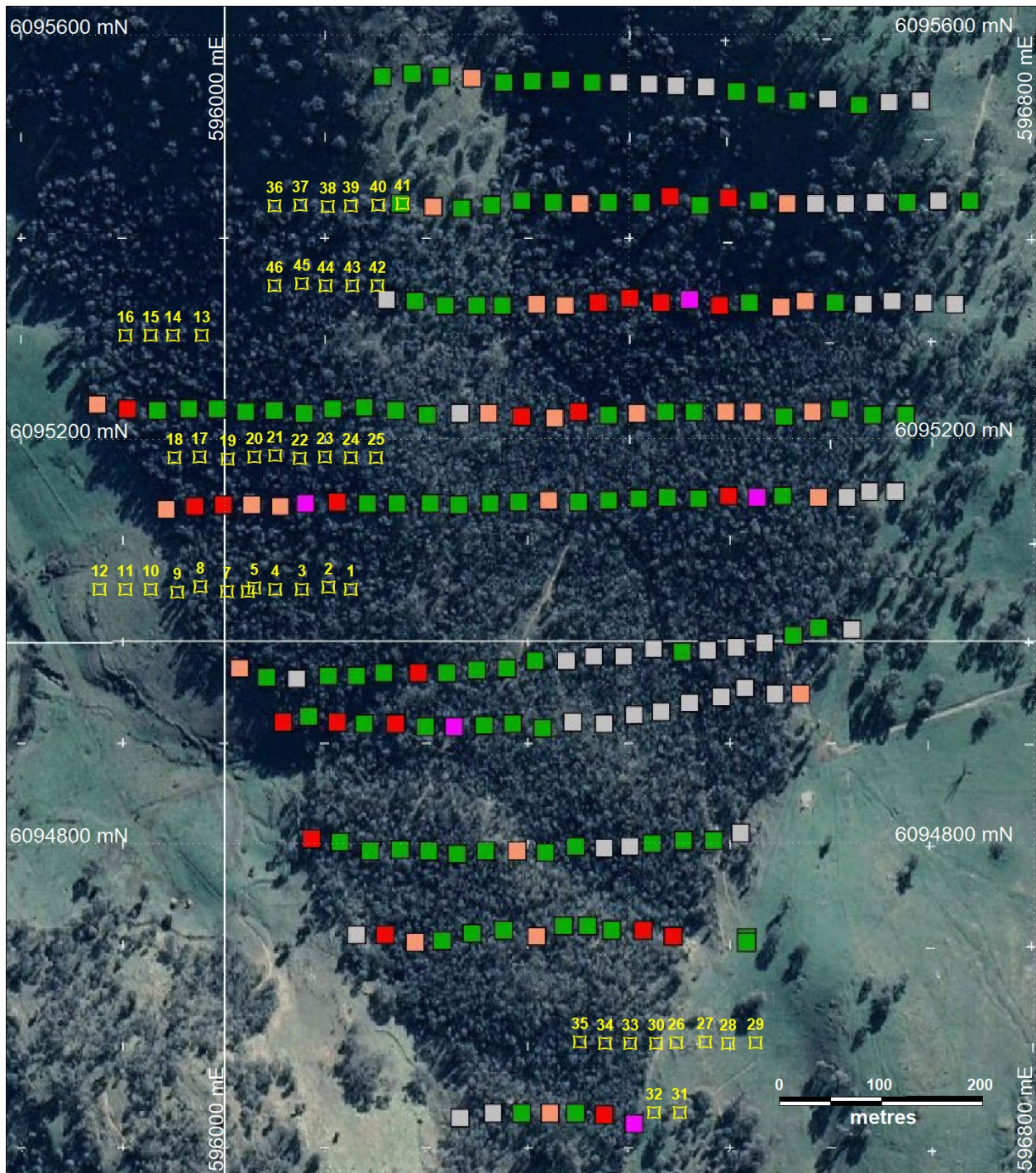


Figure 1: Currajong Soil Sampling Map, September 2024
 (Note Anomalous values from previous sampling: Light Red 0.05ppm-0.2ppm Au,
 Dark Red 0.2ppm – 0.999ppm Au, Pink >1ppm Au)

We look forward to providing further updates as results are received and exploration progresses.

-Ends-

Released with the authority of the board of Adelong Gold Limited.

For further information on the Company and our projects, please visit: adelonggold.com

CONTACT

Ian Holland**Managing Director**ian.holland@adelonggold.com

+61 428 397 245

Andrew Draffin

Company Secretary

Andrew.draffin@adelonggold.com

+61 3 8611 5333

Mark Flynn

Investor Relations

mark.flynn@adelonggold.com

+61 416 068 733

COMPETENT PERSONS STATEMENT

Information in this “ASX Announcement” relating to Exploration Results and geological data has been compiled by Mr. Ian Holland. Mr Ian Holland is a Fellow (#210118) of the Australasian Institute of Mining and Metallurgy. He is the Managing Director of Adelong Gold Ltd. Ian Holland has sufficient experience that is relevant to the style of mineralisation and types of deposits under consideration and to the activity being undertaken to qualify as a Competent Person (CP) as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’ (the JORC Code).

ABOUT ADELONG GOLD

[Adelong Gold Limited \(ASX: ADG\)](#) is a minerals explorer that owns the Adelong Gold Mine in New South Wales (NSW) and highly prospective Lithium Tenement packages in the prolific ‘Lithium Valley’ of Minas Gerais and in Paraiba Province within the Borborema Region, both located in Brazil. The Company is on the path to becoming a mineral producer at its Adelong Goldfield Project.

In May 2020, Adelong Gold took control of the Adelong Goldfield which covers 70km², comprising the old Adelong Gold Project situated in Southern NSW located approximately 20km from Tumut and 80km from Gundagai.

The Project now carries a JORC (2012) Resource of [188,000oz, following a maiden JORC Resource for the Perkins West deposit at Gibraltar of 18,300oz](#) with the potential to expand that resource at depth and along strike. Project resources have now increased by 45% from project resources in place on acquisition. Until recently, Adelong was a producing mine.

[In December 2023](#), Adelong finalised its acquisition of a 100% interest in three applications for lithium exploration permits ([Santa Rita do Aracuai Lithium Project](#)) located in the world-class ‘Lithium Valley’ in Minas Gerais, in Brazil. This acquisition represents a pivotal transaction for the Company as it secures a strategic landholding in a globally significant, mining friendly region for hard-rock lithium spodumene deposits.

The ‘Lithium Valley’ accounts for all officially recognised lithium reserves in Brazil and is an emerging world-class lithium-producing region. Significant lithium discoveries by industry peers include Sigma Lithium’s (NASDAQ: SGML) Grota do Cirio Deposit, Latin Resources’ (ASX:LRS) Salinas Project – Colina Deposits and Lithium Ionic’s (TSX.V:LTH) Itinga Project - Bandiera Deposit.



At the Santa Rita Do Araçuaí Project, [exploration activities commenced](#) in December 2023 with the initial reconnaissance program, [completed in February 2024](#), identifying two key areas for further lithium exploration. The geological assessment identified indicators for potential lithium mineralisation in Neoproterozoic formations, including the Macaúbas Group and Salinas Formation. Future exploration plans include detailed mapping and stream sediment/float geochemical analysis to pinpoint potential pegmatitic bodies and lithium indicators.

In [March 2024](#), the Company announced they had been granted a further 10 Brazilian licenses at the Paraíba Province Project. These licenses further increase the exploration ground under license by 162.8km². These extra licenses are prospective for lithium pegmatites and are located within the Borborema Region, which comprises Proterozoic rocks that form part of the Brasiliano Fold belt and which host plutonic intrusions similar to the “Lithium Valley” region of Minas Gerais Province. This region contains known lithium pegmatites and many deposits/occurrences of tantalum, beryl, niobium, and aquamarine, which are commonly associated with lithium-type pegmatites.

