

## Application for a Further 10 Licenses in Brazil.

### HIGHLIGHTS

- **Applications made for an additional 10 Exploration Permits in the Paraiba Province, Brazil covering a total area of 162.8km<sup>2</sup>**
- **Paraiba Province contains known Lithium Pegmatites and all the typical minerals commonly associated with Lithium Pegmatites**

Adelong Gold Limited (ASX:ADG) (Adelong Gold or the Company) is pleased to announce that applications are being made for 10 Exploration Permits in two areas of Paraiba Province in Brazil. The applications cover a total area of 162.8km<sup>2</sup> that are prospective for lithium pegmatites and forms part of the Company's plan to expand its exploration efforts in Brazil. Both areas occur within the Borborema Region that comprise 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 has known lithium pegmatites and many deposits /occurrences of tantalum, beryl, niobium and aquamarine that are commonly associated with Lithium type pegmatites.

In 2023 the CPRM-Serviço Geológico do Brasil published a report and extensive geological and geophysical data that highlighted areas within the Borborema area that identified areas having the potential for Lithium Pegmatites. This newly published information has provided an excellent data set to allow exploration to focus on areas of interest and target areas of interest.



Figure 1: Location of the Exploration Permits in Brazil



Of the two areas applied for, Area 1 shown in Figure 2 comprises two Exploration Permits that were rated as highly prospective for Lithium Pegmatites and are surrounded by permits already granted for such minerals as beryl and tantalum. Figure 2 is a reproduction of the published map by the CPRM-Serviço Geológico do Brasil showing the position of the permit application relative to the prospective areas for lithium exploration.

Table 1: Two permits have been applied for in Area 1

Process Number	Commodity	Hectares	Km <sup>2</sup>
846361/2023	Lithium	560.18	5.60
846362/2023	Lithium	571.37	5.71
Total		1,131.55	11.31

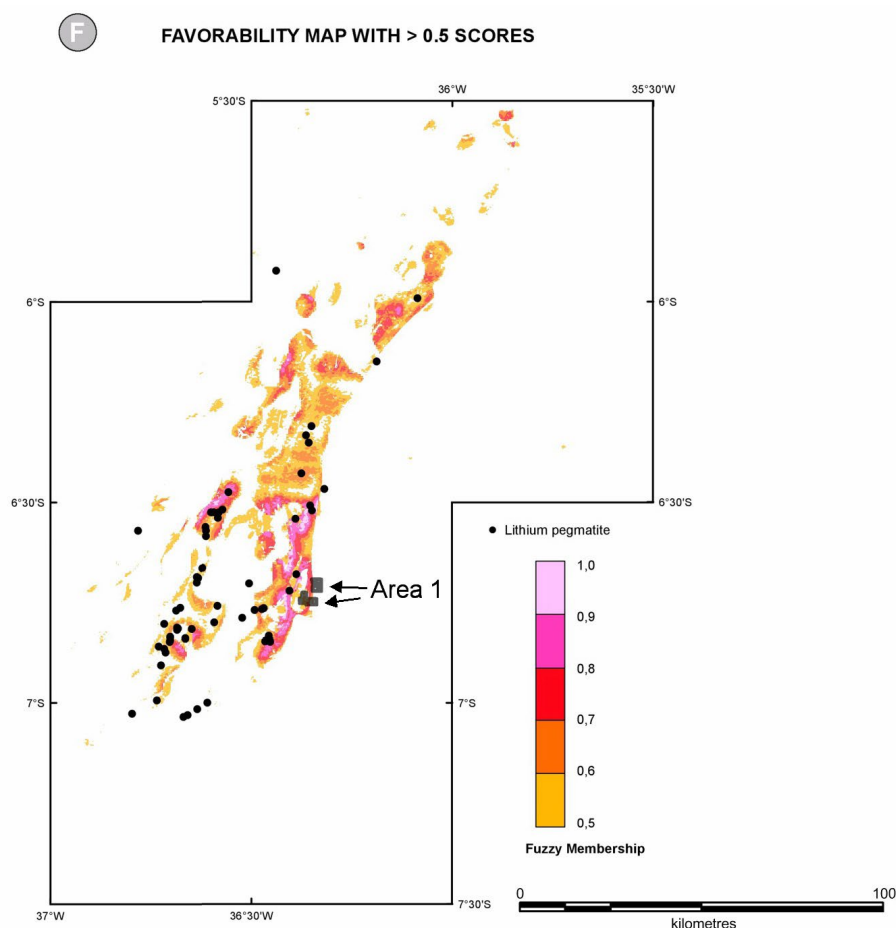


Figure 2: Area 1 - reproduction of the published map

Source: Favourability Map for Lithium Pegmatites of Borborema Pegmatite Province, Geological Survey of Brazil

The detailed geological map of this area shown in Figure 3 shows the presence of major faults and structures that may host a pegmatite intrusive. This adds to the areas interest from an exploration viewpoint.

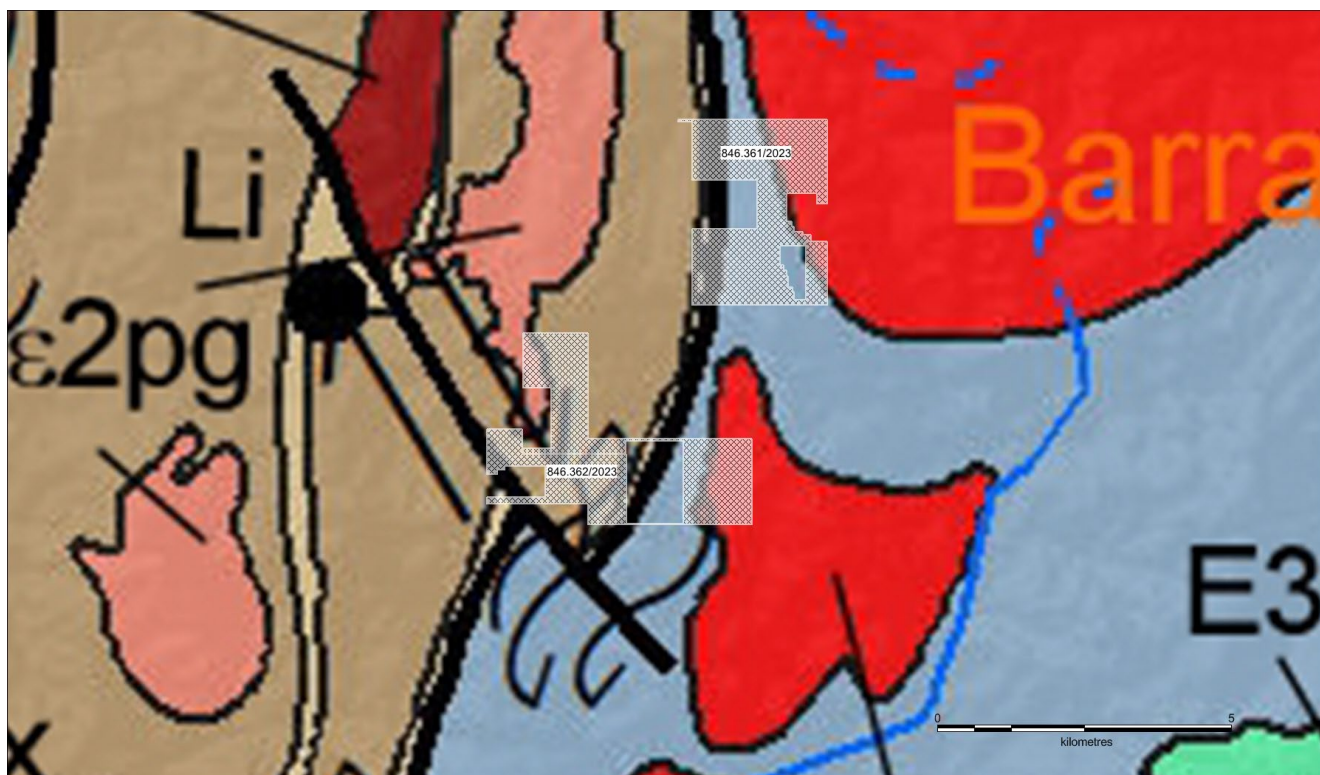


Figure 3: Detailed Geological map of Area 1

Source : Mapa Geologico da Provincia Borborema, Serviço Geológico do Brasil

Area 2 is located 82km Southeast from Area 1 and falls outside this study area shown in Figure 2. The area comprises 8 permit applications. These applications cover a total area of 151.49km<sup>2</sup>

Table 2: Eight permit Application in Area 2

Process Number	Commodity	Hectares	Km <sup>2</sup>
846363/2023	Lithium	1,980.35	19.80
846364/2023	Lithium	1,987.02	19.87
846365/2023	Lithium	1,719.37	17.19
846366/2023	Lithium	1,617.17	16.17
846367/2023	Lithium	1,980.43	19.80
846368/2023	Lithium	1,986.76	19.87
846369/2023	Lithium	1,973.97	19.74
846370/2023	Lithium	1,904.42	19.04
TOTALS		15,149.49	151.49

Area 2 was selected as it represents a major North East trending sheared zone. Within this shear zone there are beryl and aquamarine occurrences and granted tenement suggesting this shear zone hosts pegmatite deposits. The permit applications are bounded by granted exploration permits to the north for tantalum, to the south and west for gemstones (beryl & aquamarine) and more recent permits for lithium to the south. The structural setting combined with the mineral occurrences in the surrounding tenements show that the area is quite prospective for lithium style pegmatites.

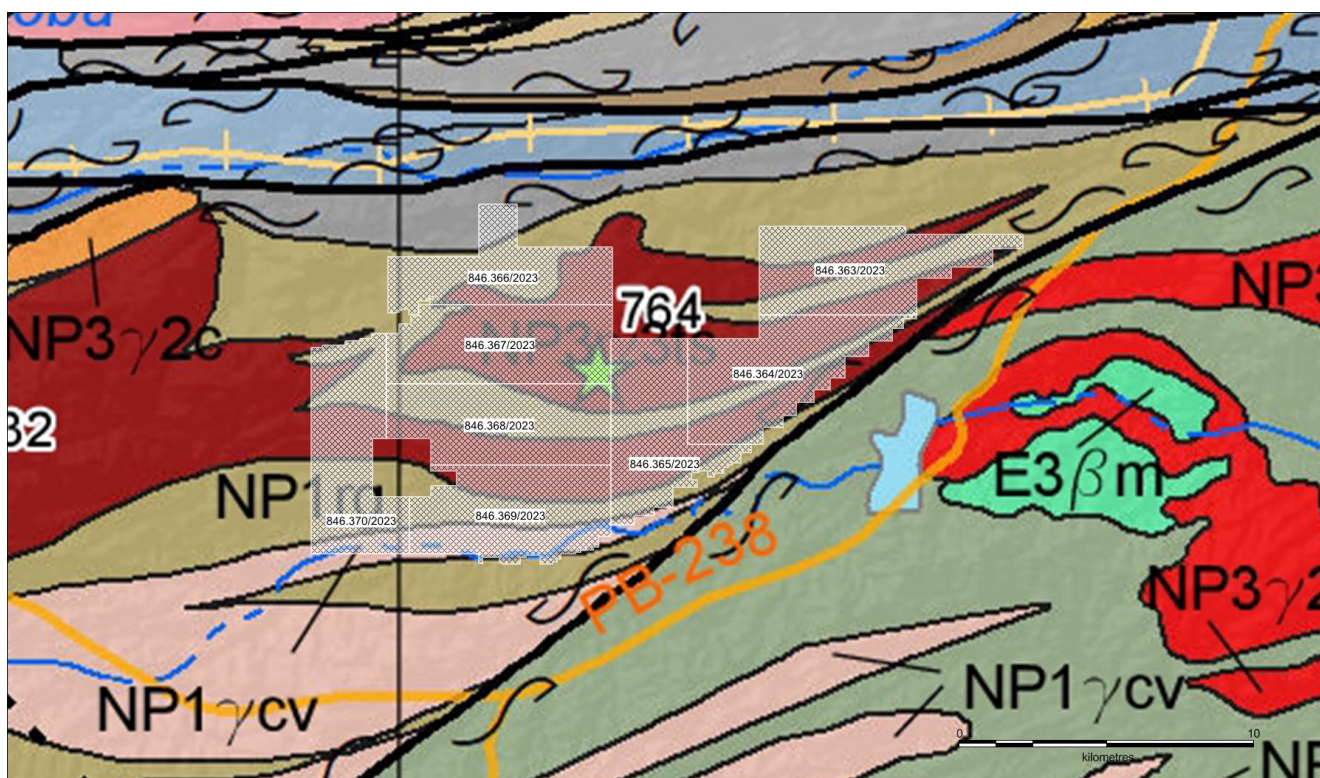


Figure 4: Detailed Geological map of Area 2

Source : Mapa Geológico da Provincia Borborema, Serviço Geológico do Brasil

### Next Steps

The Company has initiated applications for Exploration Permits through its legal representatives in Brazil. A Brazilian subsidiary is currently being established into which all the Company's holdings will be transferred. The Company will seek certain shareholder approvals for the initial acquisition of the Santa Rita Do Aracuai Project at its AGM to be held on 27 November 2023. The above additional applications supplement the Santa Rita Aracuai holdings with a plan to start exploration shortly.

**-Ends-**

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

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



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## ABOUT ADELONG GOLD

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Adelong Gold Limited is a minerals explorer targeting high value commodities with a particular focus on Gold and owns the Adelong Goldfield in New South Wales (NSW). In May 2020, Adelong Gold took control of the Adelong Goldfield which covers 70km<sup>2</sup>, 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, following the resource upgrade in the announcement 16 October 2023 of 188,000 oz of gold as well as 17 freehold properties with all mining and processing plant equipment onsite. Until recently, Adelong Gold was a producing mine

## COMPETENT PERSONS STATEMENT

Information in this "ASX Announcement" relating to Exploration Results, geological data has been compiled by Mr. Peter Mitchell. Mr Peter Mitchell is a Member (#104810) of the Australasian Institute of Mining and Metallurgy, the Institute of Materials, Minerals and Mining and the Canadian Institute of Mining, Metallurgy and Petroleum. He is Managing Director and paid by Adelong Gold Limited. Peter Mitchell 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)

