

GOULAMINA JV TO ACQUIRE MALI MINERAL CONCESSIONS

- Acquisition to nearly triple the Goulamina Project area in Mali
- Concessions prospective for lithium pegmatites and presently under-explored
- Acquisition allows optimisation of Goulamina Project infrastructure location

Leo Lithium Limited (ASX: LLL) (Leo Lithium or the Company) is pleased to announce that a company owned by Leo Lithium (50%) and Ganfeng Lithium Group (50%) (Goulamina JVCo), has entered into a binding agreement with Bambara Ressources SARL (Bambara) and Kodal Minerals plc (Kodal and collectively the Vendors) to acquire two mineral concessions in Mali for £2.5 million. The concessions (Mafele West and Nkemene West) are located immediately to the south and east of the Goulamina Project and will increase the land area of the Goulamina Project from 101 km² to 287 km².

Bambara is an unlisted company incorporated in Mali and Kodal is listed on AIM (LON:KOD) and is the part owner and developer of the Bougouni Lithium Project in Mali. Bambara owns the two concessions and in 2019 granted Kodal exclusive access rights for mineral exploration activities and an option to acquire an 80% legal and beneficial interest in the concessions.

The Goulamina JVCo will acquire 100% ownership of the concessions for the consideration of £2.5 million and a 2% gross royalty. In the event of an economic mineral discovery on the area of the concessions and that discovery is supported by a bankable feasibility study, then on the granting of a mineral exploitation licence over that area, the Vendors have the right to be issued an equity-carried interest level of 15% for no initial consideration. The Goulamina JVCo has the obligation to expend a minimum of AUD\$250,000 over two years on mineral exploration activities on the concessions.

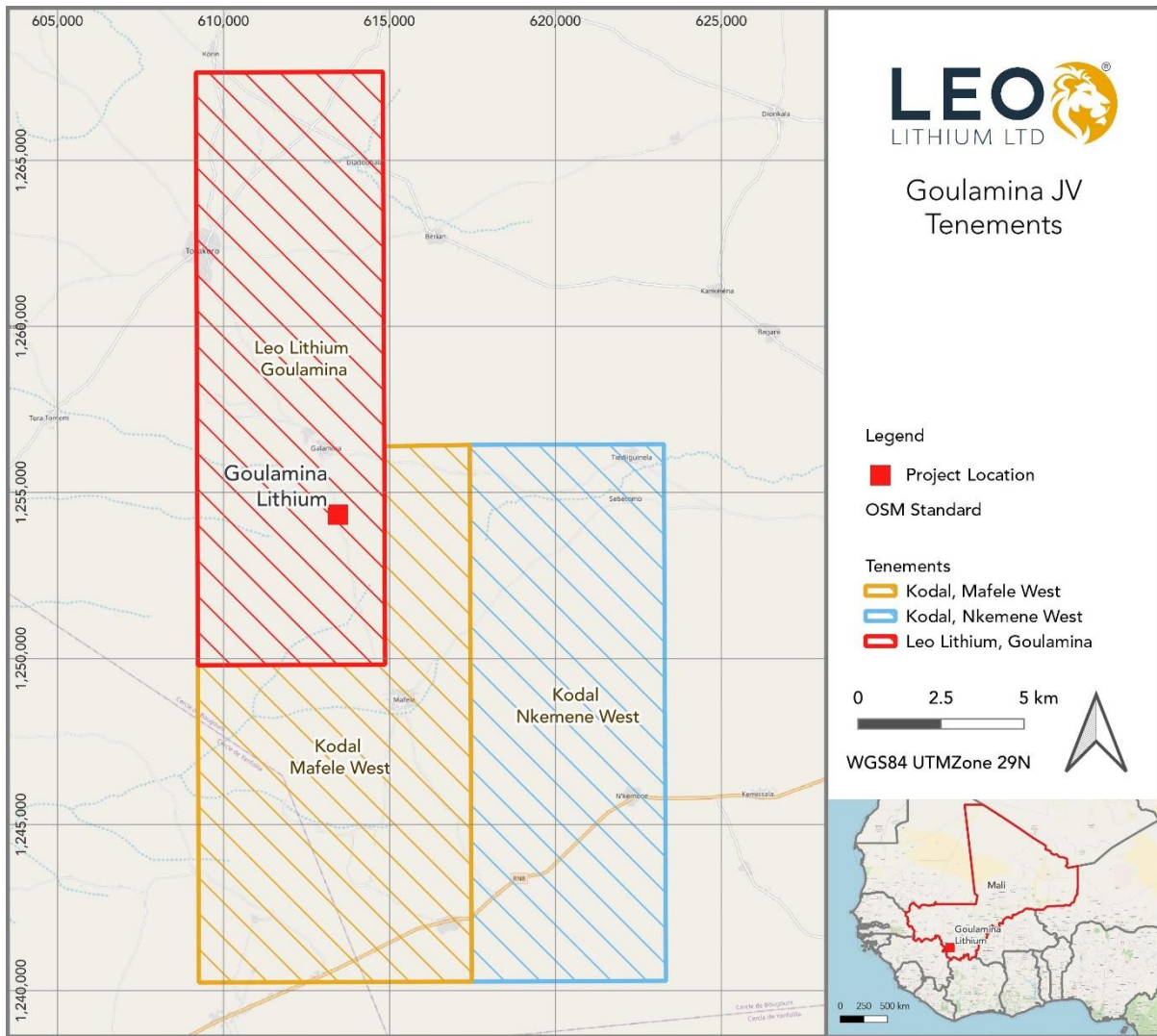
Limited exploration has been conducted on the concessions to date. A recent site inspection by a Leo Lithium geologist observed pegmatite boulders on the surface.

The parties have reached agreement on all terms and a binding agreement has been signed in relation to the Mafele West concession. that has been recently renewed. The process for transfer of the Mafele West concession from Bambara to the Goulamina JVCo will commence immediately, is expected to take a number of weeks and the Company will advise when the transfer is completed. The final binding agreement for the Nkemene Ouest concession will be executed when the renewal documentation for the concession is received. The status of the renewal is that it has been accepted by the DNGM of Mali and recommended for renewal with the final documents at the Mali Minister of Mines office pending signature. The Nkemene Ouest agreement will be executed and the commencement of transfer will commence when the renewal is received.

Leo Lithium's Managing Director, Simon Hay, commented:

"We are pleased to have acquired these concessions. The Goulamina Project has a 23 year mine life and this is likely to grow due to the very large increase in the Danaya resource announced on 17 January 2023. This increased land holding will enable the Goulamina JVCo to optimise the location of infrastructure and mining stockpiles over the long term and this will be especially useful for our Stage 2 expansion. Our initial plans for the concessions are to sterilise drill areas needed for near-term

infrastructure and stockpiling and then to develop an exploration program for the remaining area, to be implemented in future years. The concessions have had scant exploration to date and the Goulamina area has shown to be very prospective for lithium mineralisation.”



Ref: LLL_GoulaminaKodalTenementAndAssayMap_SK_20230111.qgz Layout: LLL_GoulaminaLLandKodalTenementsOSM_A4L_SK_20230111 Printed 11-01-2023 17:27

Map showing Goulamina Project and the mineral concessions (Mafele West and Nkemene West) to be acquired.

This announcement has been approved for release to the ASX by the Board.

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Leo Lithium (ASX: LLL) is developing the world-class Goulamina Lithium Project (**Goulamina**) in Mali. Goulamina represents the next lithium project of significant scale to enter production. The hard rock lithium project will be the first of its kind in West Africa. Construction is underway and first production targeted for H1 2024.

Globally significant project: Forecast spodumene concentrate production of 506ktpa, increasing up to 831ktpa under Stage 2¹, positions Goulamina amongst the world's largest spodumene projects.

Development underway and substantially funded: One of a limited number of lithium development projects globally which are substantially funded. Ganfeng have provided US\$130 million in equity funding and a US\$40 million debt facility.

Large scale, high grade orebody: World-class, high grade hard rock lithium deposit with a Mineral Resource of 142.3 Mt at 1.38% Li₂O and Ore Reserve of 52 Mt at 1.51% Li₂O (1.9 Mt LCE). Drilling is underway targeting increases to the current resources and reserves.

Quality product: High quality spodumene concentrate with test work validating 6% Li₂O with low impurities and having been successfully converted to battery grade lithium hydroxide.

World-class partner: Project being developed in 50/50 partnership with Ganfeng, the world's largest lithium chemical producer by production capacity, providing funding, offtake and operational support to de-risk development.

Decarbonisation thematic: Providing an essential raw material to the lithium-ion battery value chain for a clean energy future.

¹ Based on first 5 years of steady state Stage 2 production

Ore Reserves, Mineral Resources and Production Targets

The information in this announcement that relates to production targets and Ore Reserves is extracted from the Company's replacement prospectus dated 6 May 2022 (Prospectus) which is available at leolithium.com. The information in relation to Mineral Resources is extracted from the ASX announcement dated 17 January 2023 (Announcement). The Company confirms that all material assumptions and technical parameters underpinning the production targets, Mineral Resources and Ore Reserve estimates in the Prospectus and Announcement continue to apply and have not materially changed and it is not aware of any new information or data that materially affects the information included in the Prospectus or Announcement.