



## ASX ANNOUNCEMENT

27 February 2024

### HMW POND 1 EARTHWORKS AND LINER INSTALLATION COMPLETED, EVAPORATION PROCESS COMMENCED

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- Pond 1 earthworks and liner installation (2.4kms in length) now completed;
- Filling of the remainder of pond 1 is currently underway; evaporation process commenced, being the first major step of Galan's long-term production schedule
- Pond 2 earthworks construction progressing well (65% completed), liner installation to commence next week
- 9 production wells constructed offering operational flexibility; Phase 1 production only requires 6 wells
- HMW Project is a tier one project that will produce a premium high grade lithium chloride (LiCl) concentrate of 6% Li, comparable to 13% Li<sub>2</sub>O or 32% Lithium Carbonate Equivalent (LCE) in H1 2025
- Low all-in sustaining costs; HMW is in the 1st quartile of lithium industry's cost curve with an initial reserve estimate of 40 years
- Operating cost of \$US3,510/t LCE equates to a low Li<sub>2</sub>O equivalent operating cost of SC6 \$US310/t-\$US350/t; equates to solid production margins at current spot prices
- Glencore due diligence continues

Galan Lithium Limited (**ASX:GLN**) (**Galan** or the **Company**) is pleased to provide a further update on the progress of construction activities at its 100% owned Hombre Muerto West (**HMW**) Phase 1 lithium brine project, with lithium chloride production expected in H1 2025. Galan continues its steady progress in advancing its low cost, high grade HMW project to production in a timely manner.

As previously announced, the HMW project was separated into four production phases. The initial Phase 1 Definitive Feasibility Study (DFS) focused on the production of 5.4ktpa LCE of a lithium chloride concentrate by H1 2025, as governed by the approved production permits. The Phase 2 DFS targets 21ktpa LCE of a lithium chloride concentrate in 2026, followed by Phase 3 production of 40ktpa LCE by 2028 and finally a Phase 4 production target of 60ktpa LCE by 2030. Phase 4 will include lithium brine sourced from both HMW and Galan's other 100% owned project in Argentina, Candelas. The very positive Phase 2 DFS results were announced on 3 October 2023 (<https://wcsecure.weblink.com.au/pdf/GLN/02720109.pdf>).

**Galan's Managing Director, Juan Pablo (JP) Vargas de la Vega, commented:**

*"The completion of earthworks and the installation of liners for Pond 1 represents a significant milestone for the HMW Phase 1 construction team. Evaporation has now commenced which is the first step of the Company's long-term production schedule for its low-cost, low-risk lithium chloride development strategy, as Galan looks to become the next lithium producer in Argentina in H1 2025."*



***Construction progress at HMW (February 2024)***

The brine well field is located in the same area as the HMW ponds system. The well field for Phases 1 and 2 are exclusively located in the Rana de Sal, Del Condor, Deceo III, Pata Pila, Casa del Inca III & IV, and Santa Barbara XXIV mining tenements. The HMW Project also has several tenements (including Catalina) with potential to further increase the quantity and quality of the brine resources, which may result in additional production.



**Completed liner installation on Pond (evaporation commenced) and progress of Pond 2 construction 2**

In total, there are 23 production wells required for Phases 1 and 2. Ongoing drilling to date, shows that Galan has completed nine (9) wells with only six (6) being required for phase 1 production.

**The Galan Board has authorised this release.**

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#### **About Galan**

Galan Lithium Limited (ASX:GLN) is an ASX-listed lithium exploration and development business. Galan’s flagship assets comprise two world-class lithium brine projects, HMW and Candelas, located on the Hombre Muerto Salar in Argentina, within South America’s ‘lithium triangle’. Hombre Muerto is proven to host lithium brine deposition of the highest grade and lowest impurity levels within Argentina. It is home to the established El Fenix lithium operation (Arcadium Lithium, formerly Livent Corporation), Sal de Vida (Arcadium Lithium, formerly Allkem) and Sal de Oro (POSCO) lithium projects. Galan is also exploring at Greenbushes South in Western Australia, approximately 3 km south of the Tier 1 Greenbushes Lithium Mine.

**Hombre Muerto West (HMW):** A ~16 km by 1-5 km region on the west coast of Hombre Muerto Salar neighbouring Arcadium Lithium to the east. HMW is currently comprised of twenty one mining tenements. Geophysics and drilling at HMW demonstrated significant potential of a deep basin. In May 2023 an updated Mineral Resource estimate was delivered totalling 6.6 Mt of LCE. In November 2023, a binding offtake and financing agreement (pending due diligence) for Phase 1 production was signed with Glencore plc.

**Candelas:** A ~15 km long by 3-5 km wide valley-filled channel which project geophysics and drilling have indicated the potential to host a substantial volume of brine and over which a maiden resource estimated 685 kt LCE (Oct 2019). Furthermore, Candelas has the potential to provide a substantial amount of processing water by treating its low-grade brines with reverse osmosis, this is to avoid using surface river water from Los Patos River.

**Greenbushes South Lithium Project:** Galan now owns 100% of the mining tenement package that makes up the Greenbushes South Project that covers a total area of approximately 315 km<sup>2</sup>. The project is located ~250 km south of Perth in Western Australia. These mining tenements are located along the trace of the geological structure, the Donnybrook-Bridgetown Shear Zone that hosts the emplacement of the lithium-bearing pegmatite at Greenbushes.

#### Resources (May 2023)

Resource Category	Brine Vol. (Mm <sup>3</sup> )	In situ Li (Kt)	Avg. Li (mg/l)	LCE (Kt)	Avg. K (mg/l)	In situ K (Kt)	KCl Equiv. (Kt)
<b>Hombre Muerto West:</b>							
Measured	1,020	890	873	4,737	7,638	7,782	14,841
Indicated	205	185	904	986	7,733	1,585	3,022
Inferred	182	161	887	859	7,644	1,391	2,653
HMW Total	1,407	1,237	880	6,582	7,653	10,758	20,516
<b>Candelas North (*)</b>							
Indicated	196	129	672	685	5,193	1,734	3,307
<b>Galan's Total Resource Inventory</b>							
<b>Grand Total</b>	<b>1,603</b>	<b>1,366</b>	<b>852</b>	<b>7,267</b>	<b>7,793</b>	<b>12,492</b>	<b>23,823</b>

#### Notes:

1. No cut-off grade applied to the updated Mineral Resource Estimate as minimum assays values are above expected economic concentrations (Li 620 mg/L).
2. Specific yield (SY) values used are as follows: Sand – 23.9%, Gravel – 21.7%, Breccia – 8%, Debris – 12%, Fractured rock – 6%, and Halite – 3%.
3. The conversion for LCE = Li x 5.3228, and KCl = K x 1.907.
4. There may be minor discrepancies in the above table due to rounding.
5. (\*) The Candelas North Mineral Resource Statement was announced on 1 October 2019.
6. There may be minor discrepancies in the above table due to rounding.

#### Forward-Looking Statements

Some of the statements appearing in this announcement may be forward-looking in nature. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Galan Lithium Limited operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by several factors and subject to various uncertainties and contingencies, many of which will be outside Galan Lithium Limited's control. Galan Lithium Limited does not undertake any obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this announcement. To the maximum extent permitted by law, neither Galan Lithium Limited, its directors, employees, advisors, or agents, nor any other person, accepts any liability for any loss arising from the use of the information contained in this announcement. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as at the date of this announcement.

#### Competent Persons Statement 1

*The information contained herein that relates to exploration results and geology is based on information compiled or reviewed by Dr Luke Milan, who has consulted to the Company. Dr Milan is a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Milan consents to the inclusion of his name in the matters based on the information in the form and context in which it appears.*

#### Competent Persons Statement 2

*The information contained herein that relates to the Mineral Resource estimation approach at Candelas and Hombre Muerto West was compiled by Dr Michael Cunningham. Dr Cunningham is an Associate Principal Consultant of SRK Consulting (Australasia) Pty Ltd. He has sufficient experience relevant to the assessment of this style of mineralisation to qualify as a Competent Person as defined by the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)'. Dr Cunningham consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.*

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters have not materially changed. The Company also confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.