

ASX ANNOUNCEMENT

ASX RELEASE: 14 June 2022

XTC advances Key Development Milestones by almost doubling its footprint of Lithium Brine Tenements in Argentina from 12,400 to 21,900 Ha.

HIGHLIGHTS



Option to acquire 4 additional land packages in Catamarca.



La Fortuna, La Fortuna1, La Potola and Justina have a total area of 9,500Ha in close proximity to Lake Resources Kachi project.



Potential for development of a world class Lithium Brine project with further ground acquisitions being considered.



Exercise of option on Luz Maria completed.

Xantippe Resources Limited (ASX: XTC) (Xantippe, XTC, or the Company) is pleased to advise it has, pursuant to its rights to purchase the shares in Carolina Lithium Pty Ltd¹, secured an option to acquire four additional tenements in close proximity to Lake Resources' Kachi Project (**Acquisition**). These four tenements have a total area of 9,500Ha which brings the total XTC tenement holding to 21,900 Ha. All are prospective for lithium brine deposits in Catamarca, Argentina and are to be known as the **Carachi Pampa Lithium Project**.

Xantippe Managing Director, Richard Henning, commented:

Having recently finalised our investment of Luz Maria² which gives XTC a total of 12,400 Ha, we have now secured an exclusive option over a further 9,500Ha. This Triangle is one of the most exciting and valuable regions in the world providing high purity lithium to drive the world's electric vehicle future.

¹ Refer option agreement to Carolina Lithium Pty Ltd announced on 29 November 2021.

² Refer ASX release 10 June 2022



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At Xantippe, we are fortunate to be working with two of the most prominent and successful families in Argentina and we look forward to a strong partnership as we strive to reach our mutual goal of clean and environmentally responsible Lithium production.

We are delighted to have acquired such high-quality projects, located next to Tier One clean lithium developers. We will commence exploration activities as soon as possible. We look forward to keeping shareholders updated on our progress.

The acquisition of the additional land option adds to our strategy of extending our footprint in Catamarca with plans to develop a Lithium product sourced from brines that will offer a clean product using direct lithium extraction (DLE) which requires a smaller environmental footprint and uses less water."

Tenement Details

The Acquisition comprises four tenements being the La Fortuna, La Fortuna 1, La Potola and Justina in Catamarca, Argentina and are located in the Carachi Pampa Salt Flat and cover 9,571 Ha (together the **La Fortuna Properties**).

Mine	Administrative File
LA FORTUNA	848 F 2005
LA FORTUNA I	849 F 2005
LA POTOLA	622 F 2004
JUSTINA	100 F 2008

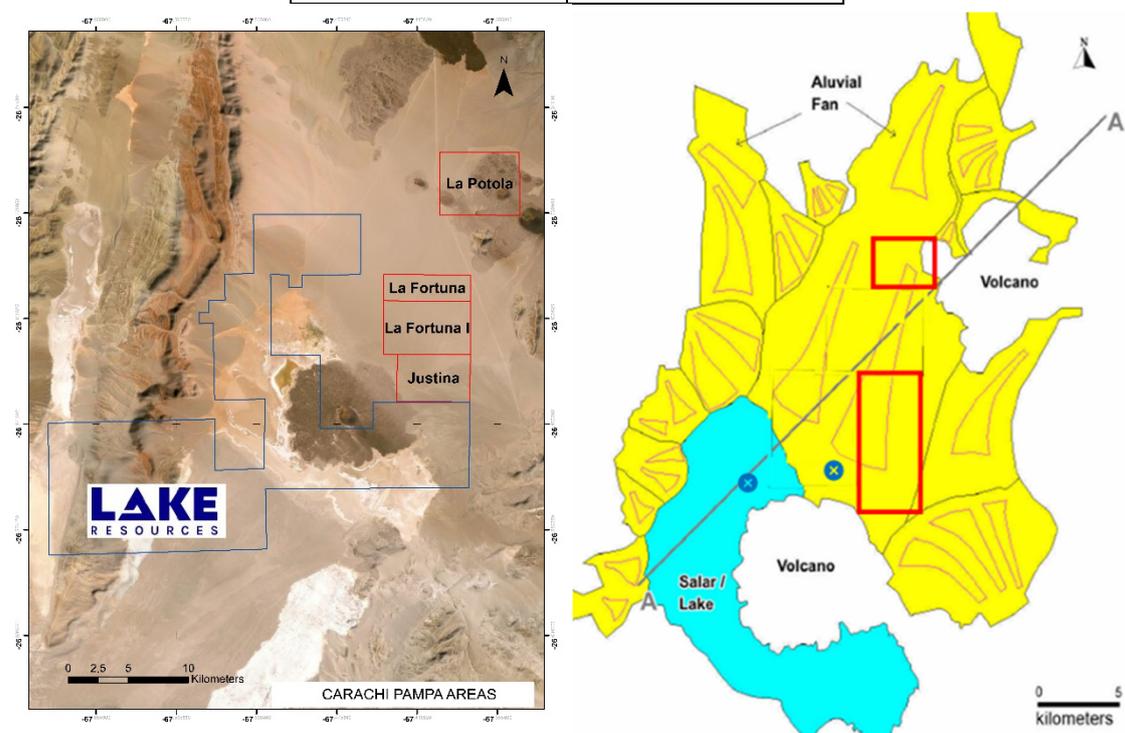


Figure 1: Location map of La Fortuna Properties



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The lithium brine target in Carachi Pampa is a paleo salar found at depth and not entire related to current salt flat layout. This paleo salar continues under a more recent alluvial fan cover to the northeast and west of Lake Resources (**LKE**) areas. LKE areas are in the salt lake and are prone to flooding whereas the target areas are covered by alluvial fans and easy to access.

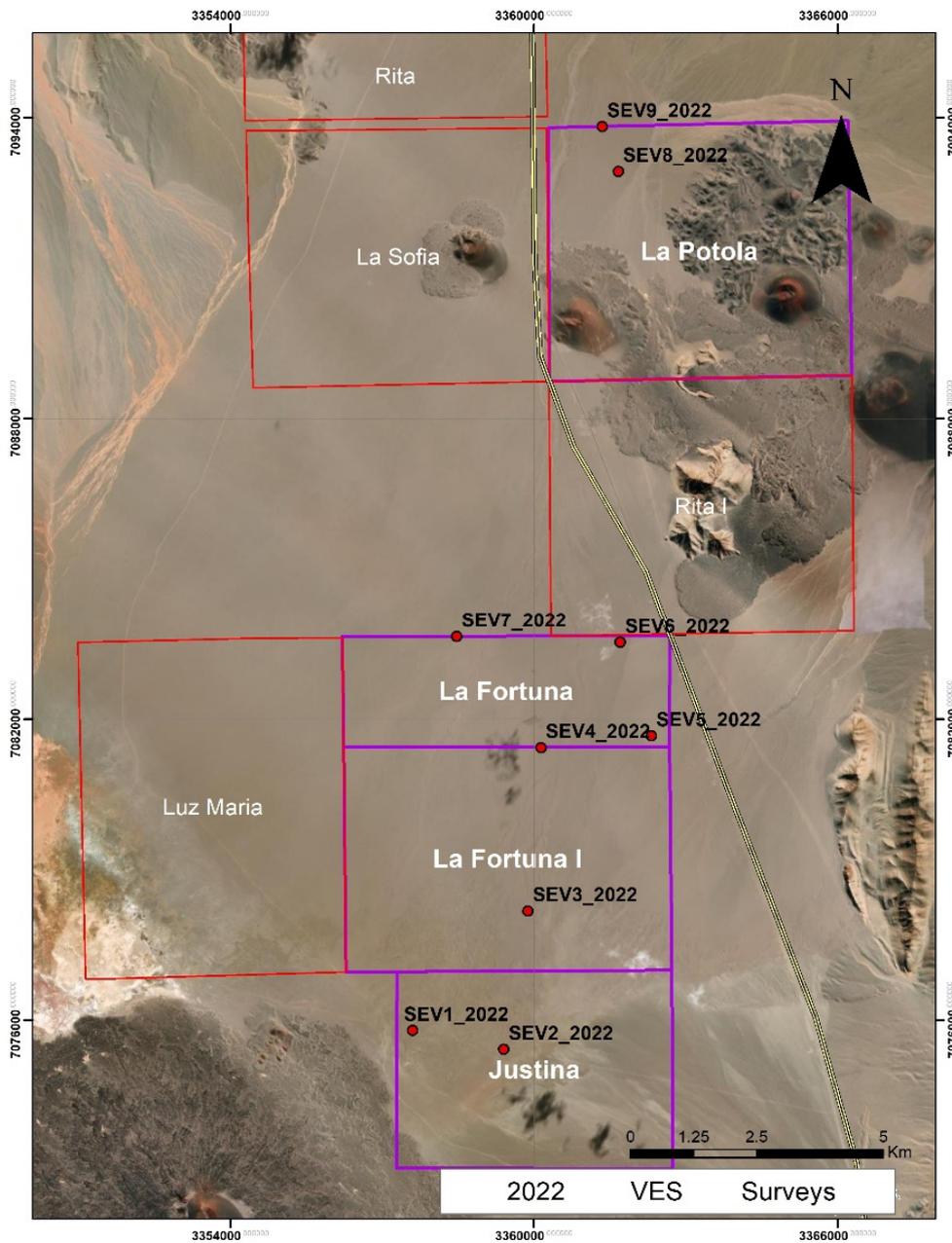


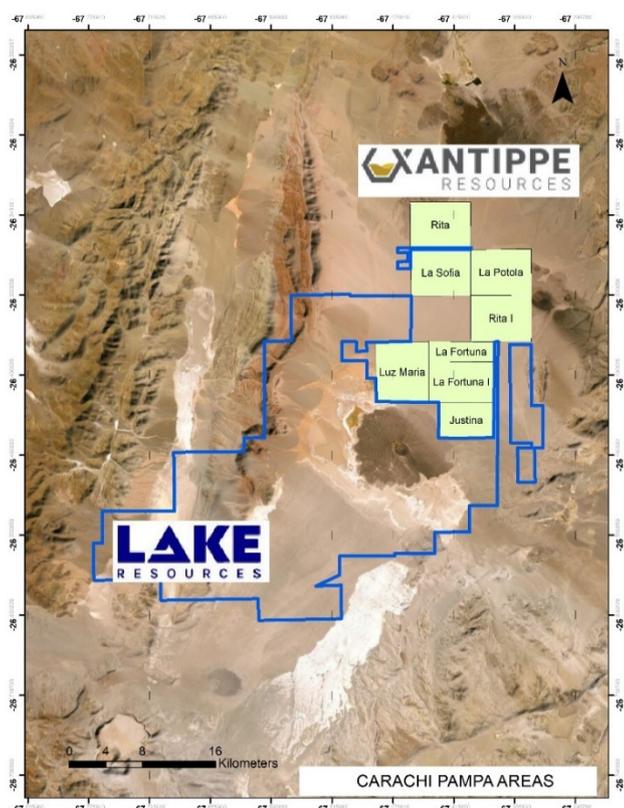
Figure 2: Carachi Pampa Lithium Project tenements



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LKE resources of 4.4 million tons LCE were defined after studying an area of 172 Km² with 14 wells and includes a pyroclastic complex (ASX: LKE 27 November 2018). LKE's PFS study only considered inferred resources of 1.1 million tons LCE to support 25,000ton LCE/year for 25 years. The resource estimate at the LKE Kachi project is reported as 1M tonnes at 290mg/L Lithium (Indicated) and 3.4M tonnes @210mg/L lithium (Inferred) (ASX: LKE 27 November 2018).

Carachi Pampa has proven lithium bearing brines and has the potential to host a project similar to LKE. The objective at Carachi Pampa is to prove, via exploration, that the area can hold sufficient resources for a similar project.



Summary hectares	
Rita	3,000
Rita I	3,000
La Sofia	3,000
Luz Maria	3,400
La Potola	9,570
La Fortuna	
La Fortuna I	
Justina	
Total aprox.	21,970

Figure 3: XTC now has a consolidated land package of around 22,000ha under option.

Terms of the Acquisition

Pursuant to the Option Agreement previously announced on 29 November 2021, Xantippe exercised its option to acquire all the issued capital in Carolina Lithium on 7 March 2022. Carolina Lithium is entitled to become the beneficial owner of Arlupo SA, a company registered in Argentina that holds the rights to the acquisition of the La Fortuna Properties under a Property Transfer and Assignment Agreement between 1000056634 Ontario Inc. (**Ontario Inc**) and Mr José Luis Fornaciari (**Offer Agreement**).

Under the Offer Agreement, the following consideration will be payable by the Company to acquire the La Fortuna Properties.

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1. 50% refundable option fee of US\$1,500,000 payable to Ontario Inc within four business days of execution of the Offer Agreement, in consideration for a sixty-day due diligence period.
2. Definitive Agreement to be executed during the due diligence period upon which US\$500,000 is to be paid
3. Subject to shareholder approval, Xantippe shall issue to Ontario Inc a convertible note that denotes that Arlupo shall pay:
 - a. US\$1,500,000 before 31 December 2022; and
 - b. US\$2,000,000 before 30 June 2023.

Each of the notes shall be convertible into Xantippe shares at \$0.018 at the option of the holder thereof to Ontario Inc.

4. Xantippe shall assume all obligations under the Property Transfer and Assignment Agreement, the Gross Overriding Royalty Agreement and related documents executed by and between Ontario Inc and Mr. José Luis Fornaciari, including but not limited to all remaining payments owed to Mr. José Fornaciari thereunder, for an aggregate amount of US\$6,000,000, and Ontario Inc shall be fully released from any obligations thereunder;
5. Subject to shareholder approval Xantippe shall issue to Ontario Inc 337,000,000 shares for a total amount of US\$4,500,000, at a deemed issue price of US\$0.018 per share, on or before 30 November 2022.
6. Grant of an assignable 2% Gross Overriding Revenue Royalty to Ontario Inc on the Catamarca Properties with no buyback provision; and
7. Upon execution of the Definitive Agreement, Arlupo shall take responsibility for keeping the Catamarca Properties in good standing, and Ontario shall be released from any such obligations.

This announcement has been approved for release by the Board of Xantippe Resources.

For more information, please contact:

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