

# **Argentina's next Lithium Company**Investor Presentation – London & NY November 2016

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### **Corporate Overview**



### Latin Resources Limited (ASX Code: LRS)



Mineral exploration and development company with Copper projects in Peru and lithium projects in Argentina with proven record of developing projects



Over 7 years of exploration work and \$20m spent to date in South America



Track record of identifying and developing projects with quality Joint Venture partners



Major Joint Venture in progress with First Quantum in Peru on copper project



Over 100,000 hectares of secured lithium pegmatite concessions in Argentina



Strong Management team

## Management Team



### **Managing Director – Chris Gale**

Chris has extensive experience in senior management roles in both the public and private sectors. He has also held various board and executive roles at a number of mining and technology companies throughout his career. Chris is the current Chairman of the Council on Australian Latin American Relations (COALAR) established by the Australian Government Department of Foreign Affairs and Trade(DFAT). He is also a founding director of Allegra Capital, a boutique corporate advisory firm based in Perth and is a member of the Australian Institute of Company Directors (AICD).

### **Exploration and Development Manager – Kerry Griffin - Bsc (Geol), Dip Eng Geol, MAIG.**

Kerry has 21 years professional experience in mining geology, resource development and exploration in Australia, Africa, South America and Asia including senior roles with companies such as Newcrest Mining, Sons of Gwalia, Consolidated Minerals, Ivanhoe Mines, Aspire Mining Limited, Haranga Resources Limited, Lindian Resources Limited and Altan Rio Ltd.

Recent experience includes five years with Ivanhoe Mines as the Senior Development Geologist during the discovery and development of the world class Oyu Tolgoi Project in Mongolia. Kerry was Chief Geologist for two years at the Wodgina pegmatite hosted tantalum mine and recently managed a large scale Ta/Sn Greenfields pegmatite exploration project in Mashonaland, NE Zimbabwe.

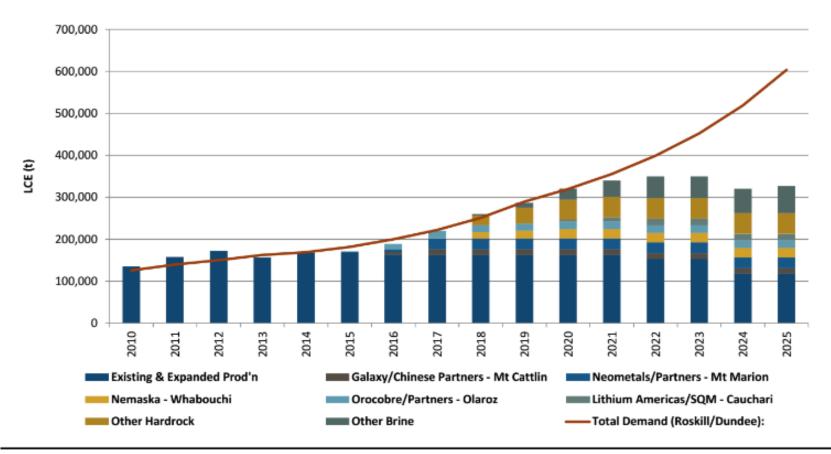
### Process and Chemical Engineer – Vijay Mehta

45+ years of R&D and Manufacturing experience in the field of Ore and Brine based technology for recovery of Lithium, Potash, Magnesium and Boron to produce commercial scale high purity chemical products. Extensive knowledge of Lithium Resources (Brines and Ores) and their chemistry. Visited all Lithium resources sites around the world. Extensive knowledge of Lithium process technologies for the recovery of Lithium into high purity Li2CO3, LiOH and more than 20 other Lithium products (Inorganic -Organometallic). Vijay has more than 12 US patents, +50 Technology reports and +10 publications.

### Lithium Demand – 2015 to 2025



#### Dundee's lithium supply and demand forecast, 2015 to 2025

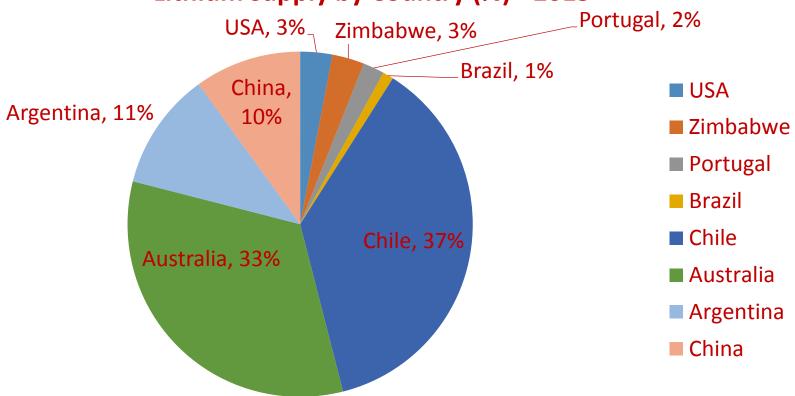


Source: Dundee Capital Markets, Roskill

# Lithium Supply - 2015



### **Lithium supply by Country (%) - 2015**



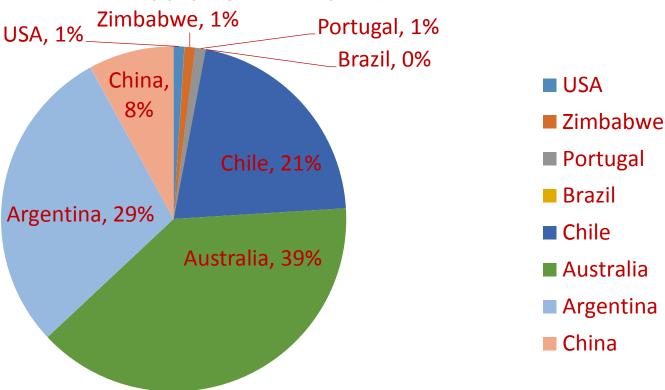
Source ; Deutsche Bank; USGS Company Data

Two-thirds of the world's lithium reserves are found in Chile (the world's largest lithium producer), Bolivia and Argentina, in what is known as the 'Lithium Triangle'.

# Lithium Supply - 2025

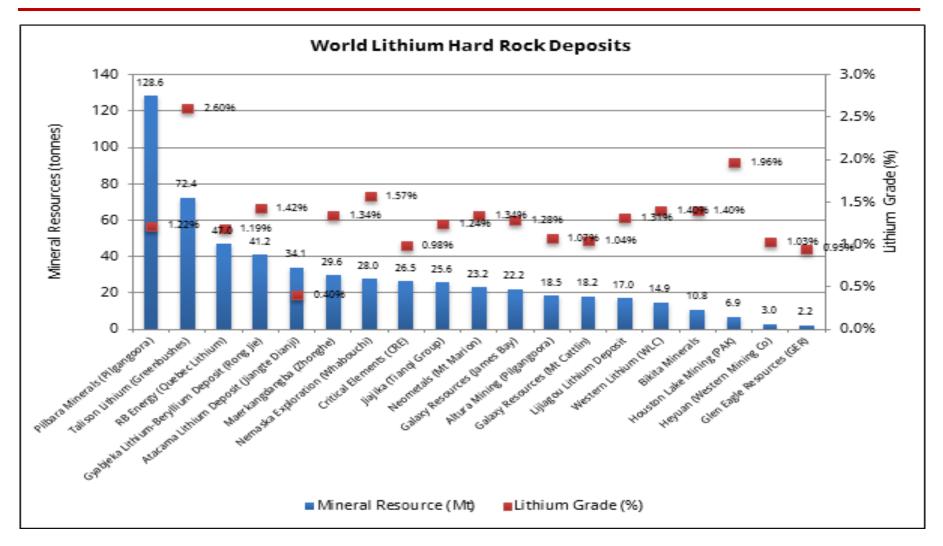


### Lithium supply by Country (%) - 2025



## World Lithium Hard Rock Deposits





# Hard Rock Lithium Potential in Pegmatites and Precambrian Metamorphic Belts in Argentina





# Lithium Province of NW Argentina



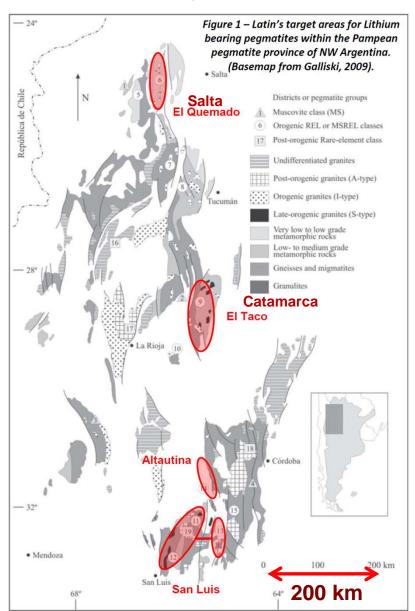


Two-thirds of the world's lithium reserves are found in Argentina, Chile and Bolivia in what is known as the Lithium Triangle'.

- Major lithium players in the district of Salta and Catamarca:
  - FMC
  - Galaxy Resources
  - Lithium Americas
  - SQM
- The Pampean pegmatite province in NW
  Argentina hosts numerous Lithium bearing
  pegmatite deposits (Spodumene, Lepidolite,
  Petalite, Amblygonite, Lithiophilite), with added
  potential for Tantalum, Rare Earth Elements,
  Beryllium and Tin. (cassiterite)
- Exploration and development of Lithium resources in Argentina overwhelmingly focused on salt lakes and presents an "under the radar" opportunity for hard rock discoveries, with bonus accessory minerals.

### Lithium Pegmatite Province of NW Argentina





- Latin Resources has secured mineral rights over two key districts with documented Lithium pegmatites occurrences – Catamarca and San Luis
- Latin Resources controls concessions with over 100,000 hectares of lithium bearing pegmatites – the largest lithium hard rock holding in Argentina

# LRS - Lithium Pegmatite Concessions Catamarca, Argentina

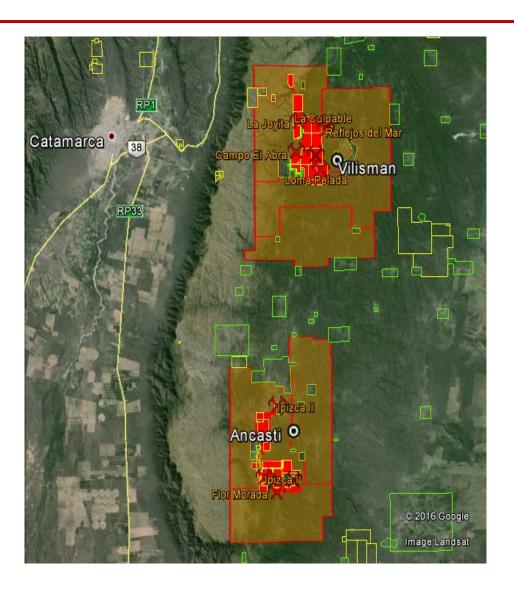


- On 31 May 2016 the Company announced it had made claim applications over 70,000 hectares in seven exploration tenements in the Catamarca Province, prospective for Lithium Pegmatites, these concessions have now been granted.
- Latin has also had granted additional exploration tenements over 7,051.6
  hectares that were surrounded by the initial exploration tenement applications
  in two areas, Vilisman and Ancasti, each with past Lithium mining activity and
  that together host in excess of twenty Lithium bearing pegmatite deposits
  documented by various authors in publications made over the last 50 years.
- These Lithium bearing pegmatite deposits have a history of small scale past production, having been intermittently exploited for Lithium minerals, and associated Beryl, Tantalum and feldspars during the 1950's and 1970's.
- Analysis of four samples collected by Latin geologists of exposures of spodumene in old mine workings in three pegmatite deposits within the new claim applications reported grades of 6.6%, 7.1%, 6.3% and 4.9% Li<sub>2</sub>O respectively.

<sup>\*</sup> Cautionary Statement: These data are published historical foreign estimates not reported in accordance with the JORC Code. A competent person has not done sufficient work to verify the data in accordance with the JORC code and it is uncertain that following evaluation and/or further exploration work that these foreign estimates will be able to be reported in accordance with the JORC Code.

### Catamarca Lithium Concessions





- 77,000 Hectares large landholding
- Location of the Vilisman and Ancasti Lithium Pegmatite Groups, with old mines marked (Solid red areas). Latin's claims are the orange shaded areas extending outwards including the known Spodumene Lithium deposits
- Drilling starting in December through January

### Hard Rock Lithium Potential in Pegmatites Argentina





The Vilisman group hosts at least 8 pegmatite spodumene deposits that have evidence of past mining activity. Six of these are individual dykes emplaced along structures in banded mica schists, while two are formed as multiple dykes. Most of the dykes outcrop over at least 100 m of strike length with thicknesses of between 1 m and 5 m.



# LATIN CLAIMS NEW LITHIUM CONCESSION IN SAN LUIS, ARGENTINA.

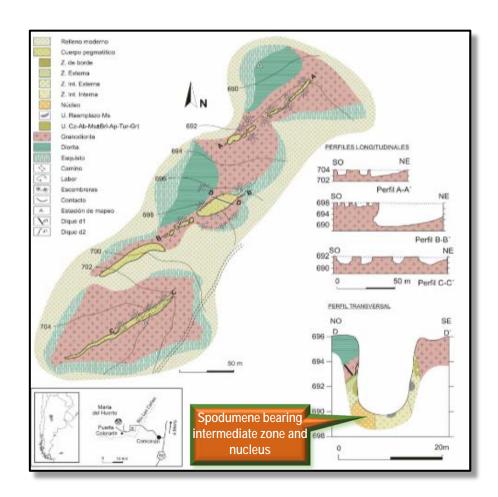


- Claim applications over 24,769 hectares in six exploration concessions and one vacant Lithium mining concession within the Conlara and Estanzuela pegmatite fields have been lodged at the mining authority in the San Luis Province, Central Argentina.
- The six exploration concessions each surround pegmatites dykes known to have been mined in the past for Lithium minerals (as spodumene or lepidolite) and/or other related minerals including quartz, feldspar, beryl, tantalite (tantalum mineral) and colombite (niobium mineral).
- Latin has also claimed the "Maria Del Huerto" mining concession, comprising three parallel dykes where spodumene was mined between 1936 and 1940.
- The main working at "Maria del Huerto" measures 110 m x 15 m and has been excavated to only 10 m depth. Spodumene crystals of up to 1 m in length have been recorded.
- Drilling of "Maria del Huerto" planned to commence in 1st Quarter 2017.

<sup>\*</sup> Cautionary Statement: These data are published historical foreign estimates not reported in accordance with the JORC Code. A competent person has not done sufficient work to verify the data in accordance with the JORC code and it is uncertain that following evaluation and/or further exploration work that these foreign estimates will be able to be reported in accordance with the JORC Code.

### San Luis Lithium Concessions



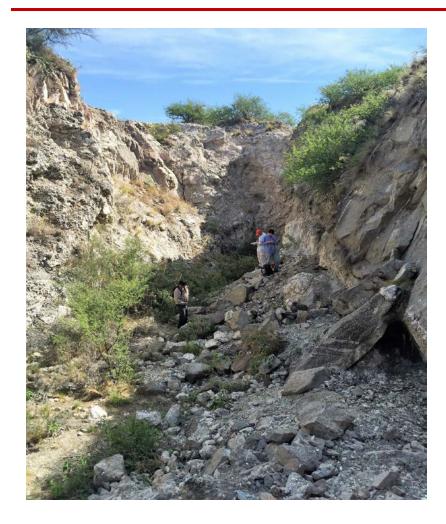


Geological Mapping of the Maria del Huerto Pegmatite showing the spodumene bearing intermediate zones and nucleus exposed over the entire width of the open pit (Roquet et.al. 2006).

- 24,769 Hectares with six exploration concession applications been lodged
- A total six exploration concessions have been claimed within the Conlara and Estanzuela pegmatite fields. Fach claim surrounds documented lithium bearing pegmatite deposits that have been mined in the past for Lithium bearing minerals (spodumene or lepidolite) and/or other related minerals including quartz, feldspar, albite, beryl, tantalite (tantalum ore) and colombite (niobium ore).

### Maria del Huerto concession – San Luis





View to the South Western end of the main pit at Maria Del Huerto.

The "Maria del Huerto" mining concession, is enclosed by the Puerta Colorada exploration claim and was claimed for the Company after being declared vacant by the Provincial mining authority. The Maria Del Huerto deposit was mined between 1936 and 1940 and was one of the first spodumene producers in the San Luis Province to have good grades. (Roquet et.al. 2006).



Examples of pink coloured weathered spodumene in the Maria del Huerto open pit (Intermediate Zone).

# LRS SIGNS BINDING TERM SHEET FOR PURCHASE OF ANSOTANA PEGMATITE PROJECT IN SALTA, ARGENTINA

- Latin Resources Limited (ASX:LRS) has entered into a binding Purchase and Earn-In Terms Sheet to acquire up to a 90% interest in several mining concessions which comprise of approximately 44,290 hectares of lithium and tantalum pegmatites in the Province of Salta, Argentina, known as the Ansotana Project ("Ansotana").
- The Ansotana concession area was mined for Tantalum and Bismuth by the Ansotana Mining Company between 1943 and 1945. The company carried out production on the mineralized pegmatites which material was sold to the USA during World War 2.
- The Ansotana Pegmatites are complex Lithium rich pegmatites and host minerals such as tantalite, beryl and the lithium bearing minerals such as spodumene, Lepidolite and montebrasite (amblygonite).
- This purchase, if successfully completed, will advance the continuing strategy of Latin Resources to secure the known hard rock lithium bearing pegmatites in Argentina.

LATIN RESOURCES

### The Geology of the Ansotana Project





Pegmatites showing lepidolite veins, tourmaline and columbitee



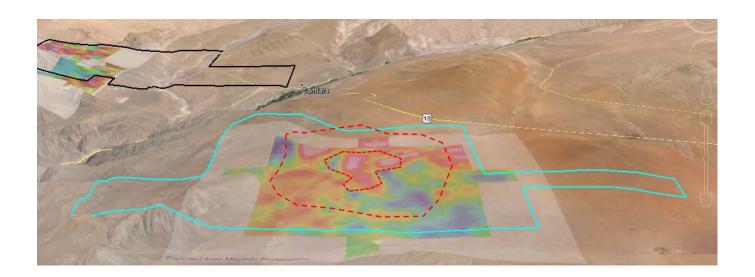
Lepidolite - lithium mica

The advantage of the Ansotana project is that the concessions are all granted, previous exploration means the project is virtually drill ready once the 60 day due diligence is completed and subject to sufficient evidence of the pegmatites bearing lithium mineralisation.

## Latin Resources – First Quantum JV Ilo Sur, Peru



• FQM have funded geophysics survey and partial extraction geochemistry on the Pachamancha project in Peru. This target has now developed into a joint venture with FQM to drill if further sufficient coincident support for the target is identified.



### First Quantum Joint Venture – Terms



- Antares to complete geophysical survey and following which may elect to proceed with a rights assignment and an option to earn an initial 51% of the project by completing 4,000m of drilling within 6 months of obtaining drilling approvals.
- Antares may exercise the first option within a maximum of 48 months after obtaining advanced stage drill permits, and will earn 51% on completion of drilling and technical studies to support a JORC resource estimate of >1Mt contained copper equivalent.
- PLR to receive staged payments totalling US\$0.5 million over the option period, as an additional condition precedent to exercise the option.
- Antares can earn up to a total of 80% of the project when technical documentation of work completed is provided to support a decision to mine. PLR free carried up to decision to mine. Antares will have an option to buy PLR's remaining 20% share based on an independent valuation. PLR will then retain a 2% NSR royalty. Antares will have the right to reduce the NSR to 1% by paying US\$40 Million cash to PLR.

### Objectives & Milestones



- ✓ Control the majority of the known hard rock lithium bearing pegmatites in Argentina.
- ✓ Commence field work on Catamarca to define drill targets and lodge EIR and drill permits Completed
- ☐ Start drilling on the Catamarca concessions **December**
- Carry out assays on drilling and release results on Catamarca project January-February
- ☐ Commence field work on San Luis concessions to define drill targets January
- ☐ Start drilling on the San Luis concessions March
- ☐ Drill and define a resource by 2<sup>nd</sup> Quarter 2017
- □ Complete design work on the spodumene concentrate plant in 3<sup>rd</sup> Quarter 2017

### **Share Metrics**



**Latin Resources LTD** 

**ASX CODE: LRS** 

**52 week Price Chart** 

Share Price	A\$0.012
Market Cap	A\$20M
52-Week (Low-High)	A\$0.003 - 0.024
30-Day Daily Avg Vol	15M Shares
Shares Outstanding	1,553,398,098
Options* - Expiration: - Exercise Price:	322 Million March 2017 \$0.02
Fully Diluted	1,875,398,098
Mgmt & Board Share %	15%
Top 50 Shareholders	52%

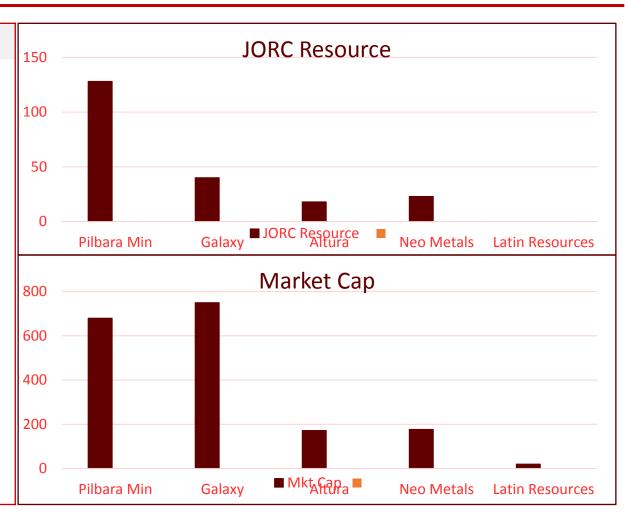


<sup>\*</sup>As of November 29, 2016

### Peer Lithium Comparative Analysis (Nov, 2016)



Company	Mkt Cap
Latin Resources (LRS)	A\$20M
Altura Mining (AJM)	A\$172M
Dark Horse (DHR)	A\$7.7M
Dakota Minerals (GMM)	A\$23M
General Mining/Galaxy* (GMM/GXY)	A\$750M
Neo Metals	A\$177m
Orocobre (ORE)	A\$762M
Pilbara Minerals (PLS)	A\$680M
Platypus Minerals (PLP)	A\$22.2M



<sup>\*</sup>General Mining Corp. (ASX:GMM) merged with Galaxy Resources (ASX:GXY) in August 2016



### Thank You & Questions

#### Competent Person Statement

The information in this report that relates to geological data and exploration results is based on information compiled by Mr. Geoff Blackburn, a Competent Person who is a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM) and who is a part time employee of Latin Resources Limited. Mr Blackburn, FAusIMM, has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Blackburn, FAusIMM, consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

### Historical Foreign Estimates of Mineralisation

The historical foreign estimates of mineralisation are modified from data published in Acosta et al (1988) and Balmaceda & Kaniefsk (1982), both Spanish language publications translated as follows:

Acosta et al (1988): "Geoeconomic Study of Pegmatites" and was undertaken by the Provincial Government of Catamarca as part of an agreement between the Department of Mines and the [Argentine] Federal Council of Investment.

Balmaceda & Kaniefsky (1982): "Characterisation of two Spodumene Pegmatites located in Catamarca and San Luis, Argentina" published in the Acts of the Fifth Latin American Geology Congress in Argentina in 1982.

These authors undertook field work including descriptions and mapping of the geology, mineralogy and measurements of size of the Lithium bearing pegmatite dykes and their internal structure where these were encountered within the Vilisman and Ancasti Groups, adjacent to the tenement areas applied for by the Company. The works also included details of trenching and modal estimates of spodumene (lithium silicate) content within the different mineralised zones of each pegmatite. This method of estimation of spodumene mineral content is considered appropriate considering the large size (up to 1 m) of the spodumene crystals and subsequent difficulty in obtaining representative samples to estimate grade through chemical analysis.

Cautionary Statement: The estimates of mineralisation in this report are regarded as historical foreign estimates and are not reported in accordance with the JORC Code. The Competent Person for this market release has not done sufficient work to classify the historical foreign estimates as mineral resources in accordance with the JORC Code; and it is uncertain that following evaluation and/or further exploration work that the historical foreign estimates will be able to be reported as mineral resources in accordance with the JORC Code. The Competent Person for this market release has visited four of the occurrences included in the historical foreign estimates (La Culpable, Reflejos del Mar, Santa Gertrudis and Ipizca II), and was able to verify the presence of spodumene at these pegmatite occurrences in the form and approximate modal content as described by the source authors.

The inclusion of the historical foreign estimates of mineralisation in this report is essential disclosure considering the proximity to the tenement applications made by the Company, the continuation of the same geological units hosting the historical foreign estimates of mineralisation into the tenement areas applied for by the Company, and the fact that the Company is in the process of securing rights to the areas referred to in the historical foreign estimates of mineralisation.