



**LATIN RESOURCES**  
LIMITED

**Update Presentation**  
**October, 2017**

# Corporate Overview



## Latin Resources Limited (ASX Code: LRS)



**Mineral exploration and development company with Copper projects in Peru and Lithium – Cobalt projects in Argentina with proven record of developing projects**



Over 8 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 . Ilo Este and Ilo Sur up for Sale .



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



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.**

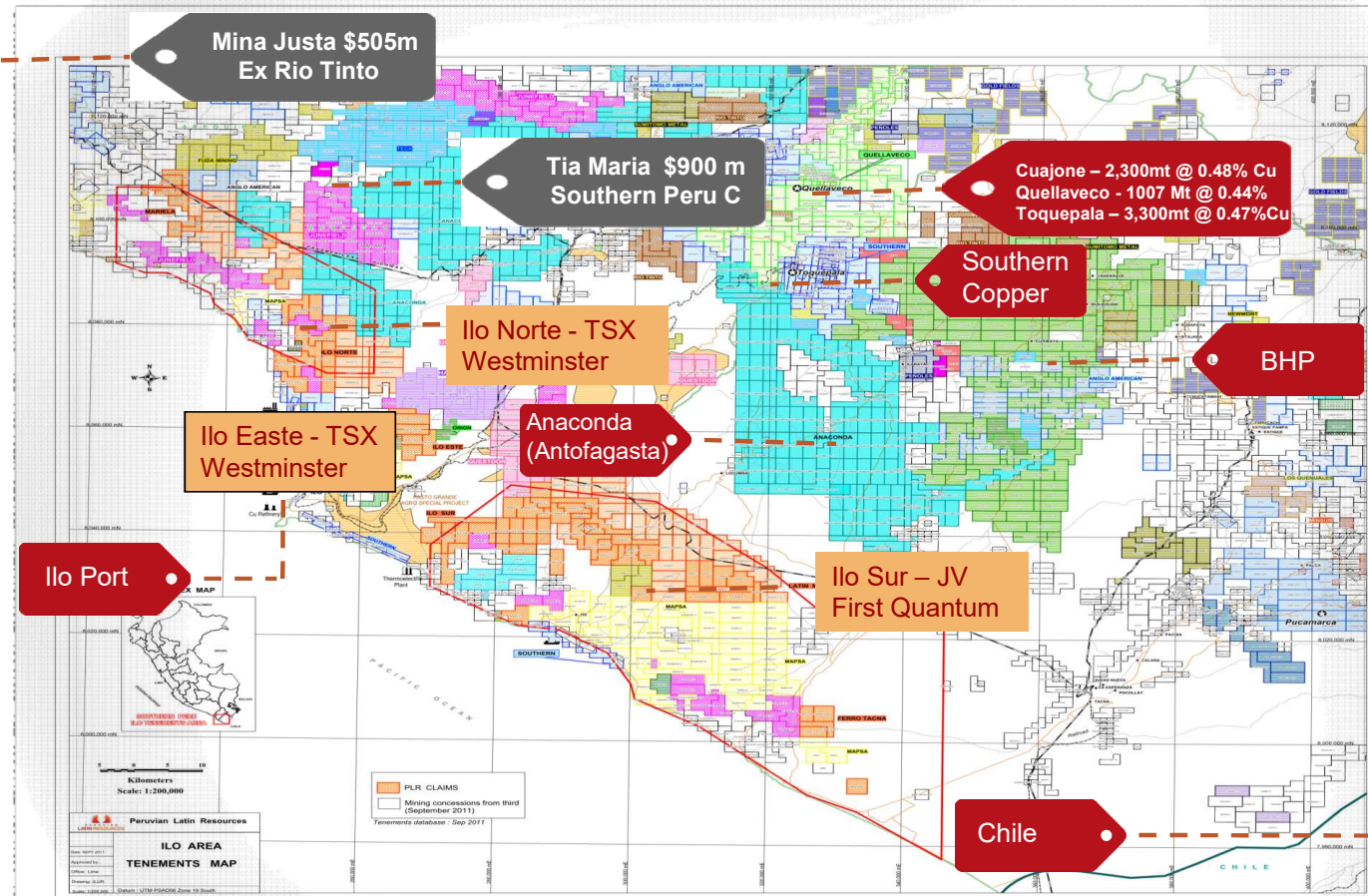
Kerry has 21 years professional experience in mining geology, resource development and exploration in Australia, Africa, South America and Asia including senior roles with companies such as Newcrest Mining, Sons of Gwalia, Consolidated Minerals, Ivanhoe Mines, Aspire Mining Limited, Haranga Resources 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  $\text{Li}_2\text{CO}_3$ ,  $\text{LiOH}$  and more than 20 other Lithium products (Inorganic -Organometallic). Vijay has more than 12 US patents, +50 Technology reports and +10 publications.



# Ilo 2016 – Southern Peru host over 125 Billion pounds of contained copper in published reserves and resources

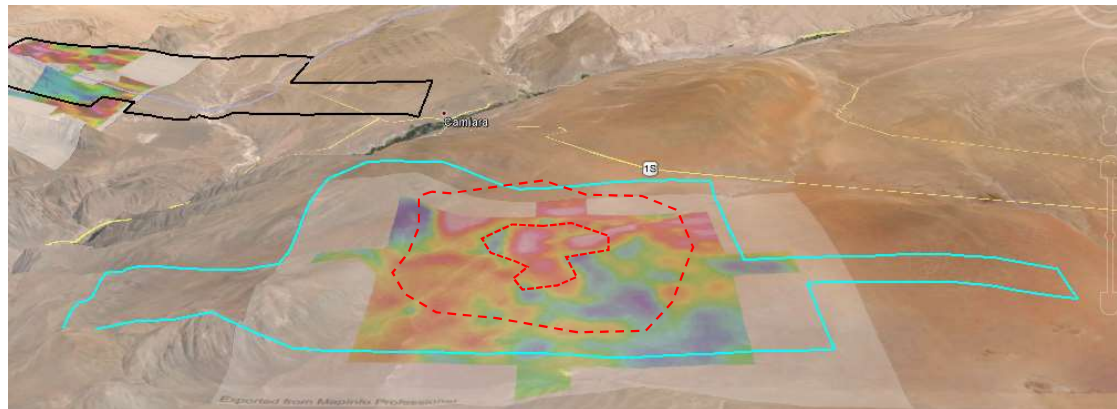




## Latin Resources – First Quantum Minerals(FQM) JV - Ilo Sur Copper Project , Peru



- *FQM have funded geophysics survey and partial extraction geochemistry on the Pachamancha – MT03 Copper 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 .*



# Sale of Peru Copper assets - Ilo Norte and Este



## LATIN RESOURCES SELLS ILO COPPER PROJECTS TO CANADIAN TSX LISTED COMPANY

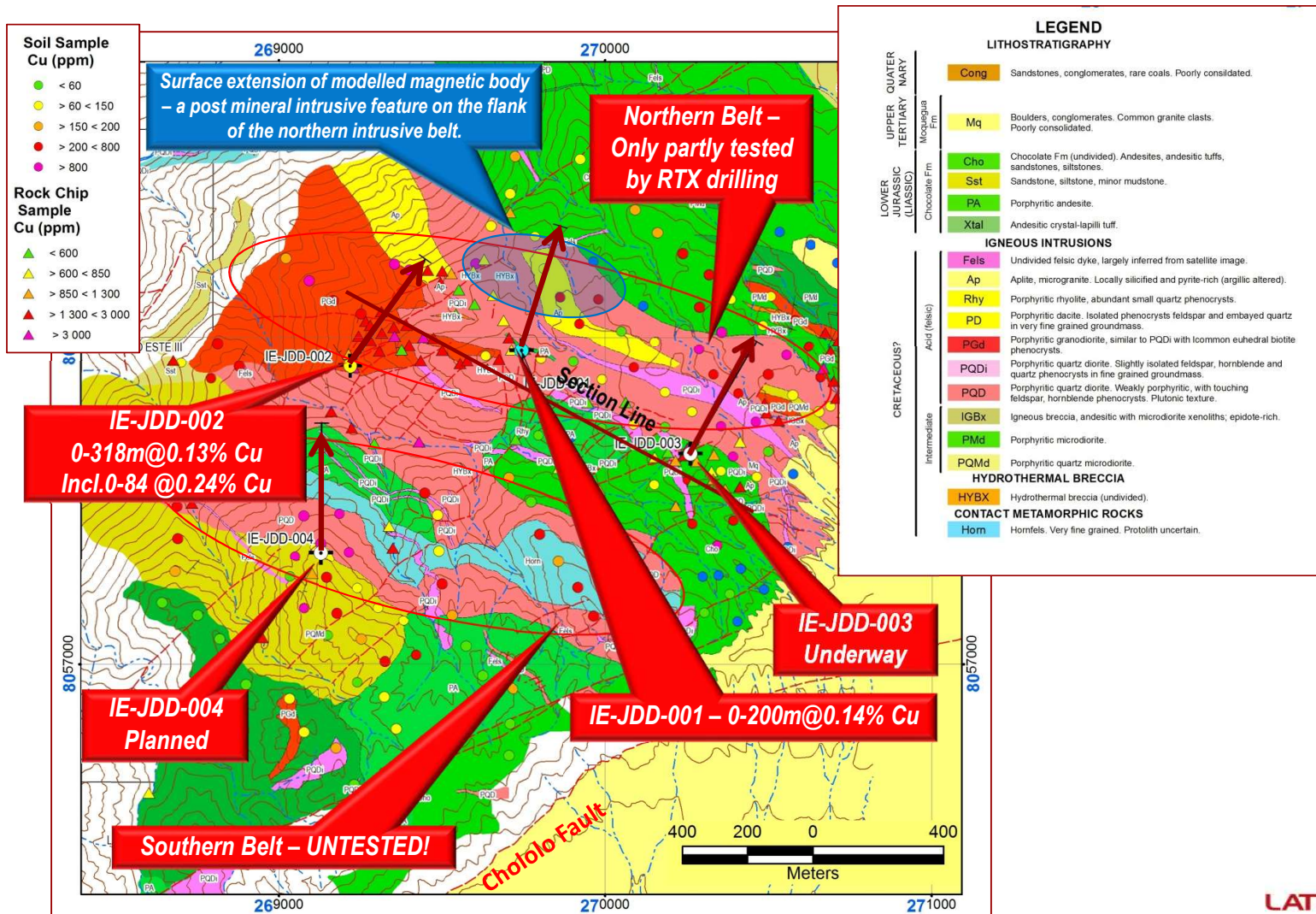
- Latin Resources has entered into a binding agreement to sell its Ilo Norte and Ilo Este copper projects in Peru to Toronto SX listed Westminster Resources Limited. (TSX-V:WMR)
- Sale of 44 Concessions that include Ilo Norte and Ilo Este brownfield projects.
- Total sale proceeds exceed \$6.8m in cash and shares – USD\$250,000 and 19 million shares over 18 months.
- Latin Resources will own circa 40% of Westminster Resources .

## Ilo Este – Infrastructure

- 14 km of access roads from the Pan-American Highway are in good condition and provide access for future drilling with minimal investment.
- The mineralised system is 6 km from the Pan-American Highway, Railway Line and Electrical Substation, and from there 32 km to the Port of Ilo.







## Ilo Norte IOCG – High Grade Copper Intersected

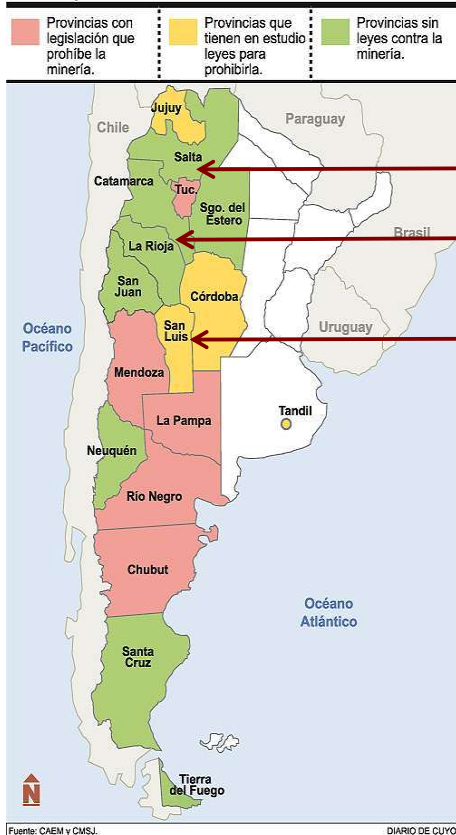
- High grade copper intersected: 30m @ 0.93% copper & 0.12g/t gold from 282m including 6m @ 3.1% Cu & 0.45g/t Au from 300m in hole IN-019 (0.1% Cu cut off)
- 12 holes completed within 4 months ( 18 months was programmed by Zahena)
- Excellent infrastructure: 5km from sealed Highway, 10 km from Peru's major copper smelter and 25km from Port city of Ilo.



# Latin Resources Lithium Projects – Argentina



El mapa minero



• **Salta- Option over major lithium /tantalum project**

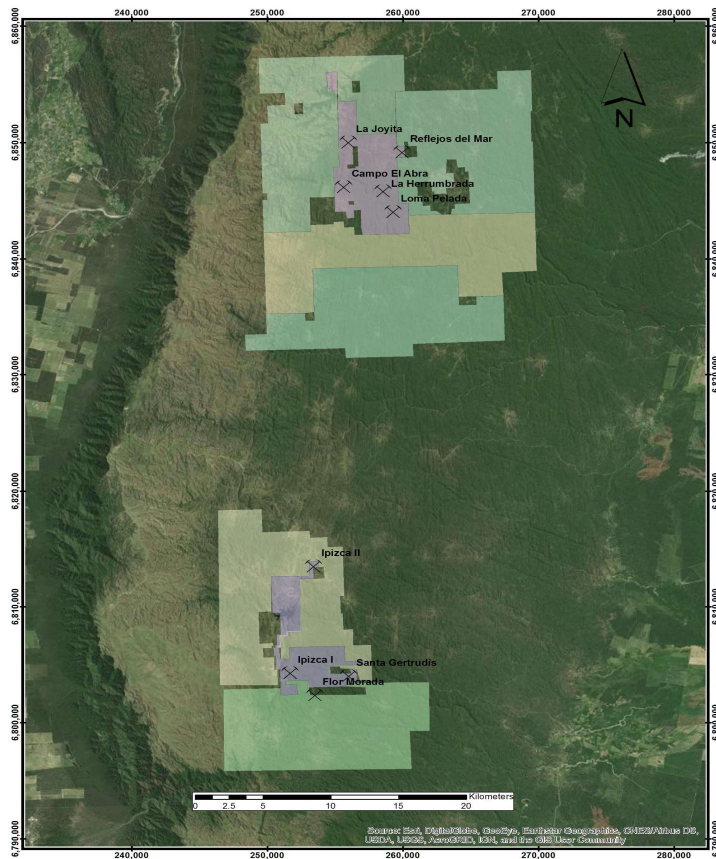
• **Catamarca Lithium pegmatite Projects – over 70,000 hectares of concessions**

• **San Luis Lithium pegmatite Projects - concessions of over 24,000**

**Latin Resources controls over 100,000 hectares of prime , high grade lithium concessions in Argentina . One of the largest hard rock pegmatite holding of any company in South America .**

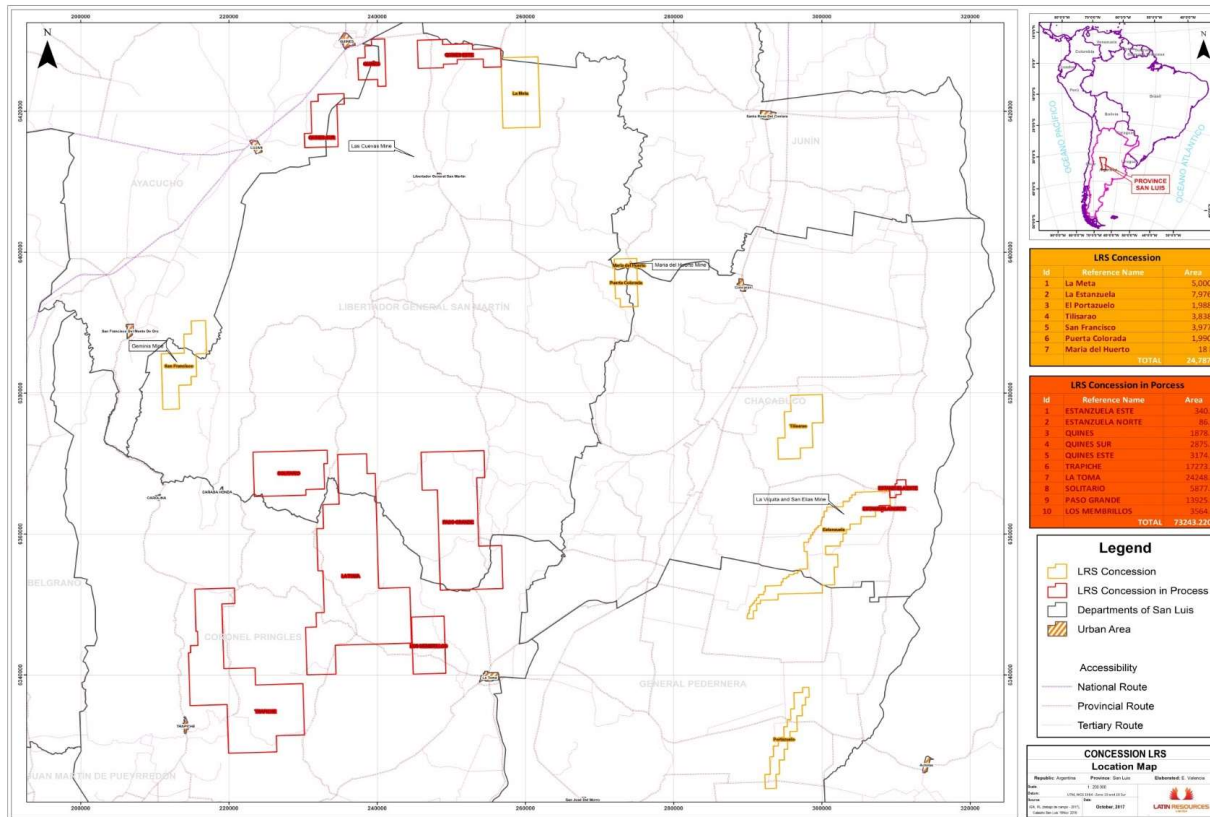


# Catamarca Lithium Concessions



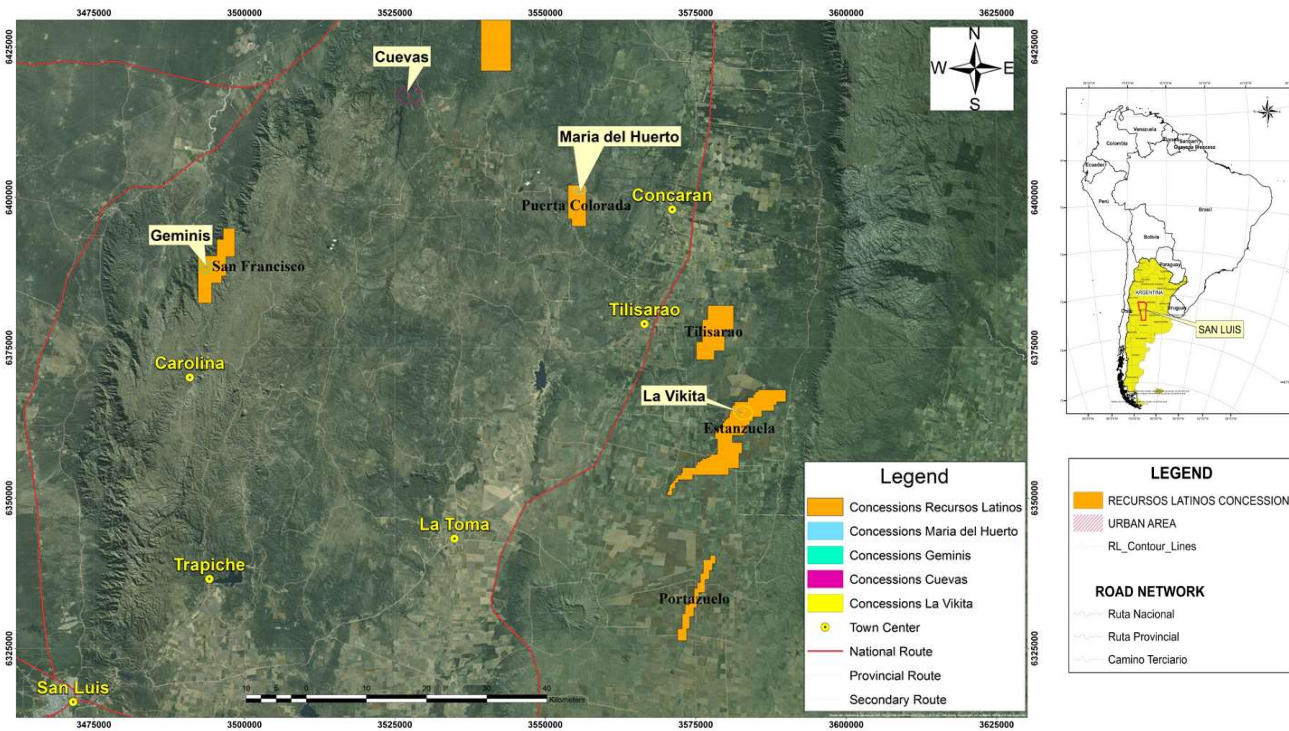
- **77,000 Hectares – large landholding**
- **Location of the Vilisman and Ancasti Lithium Pegmatite Groups, with old mines marked**
- **The initial five targets drilled were La Culpable, Ipizca II, Reflecto De Mar, Campo el Abra and Santa Gertrudis.**
- **Intercepts include:**
  - **3m @ 2.98% Li<sub>2</sub>O**
  - **5.2m @ 1.62% Li<sub>2</sub>O**
  - **6m @ 2.40% Li<sub>2</sub>O**
  - **7m @ 2.17% Li<sub>2</sub>O**

## Projects – San Luis Provincial Exploration



- **Current Area = 24,000 Ha's**
- **New Concessions applied for = 73,000 Ha's**
- **Total LRS concessions of 97,000 Hectares**
- **Permitting for EIA and drilling currently in progress**

# San Luis LRS 100% Owned Concessions



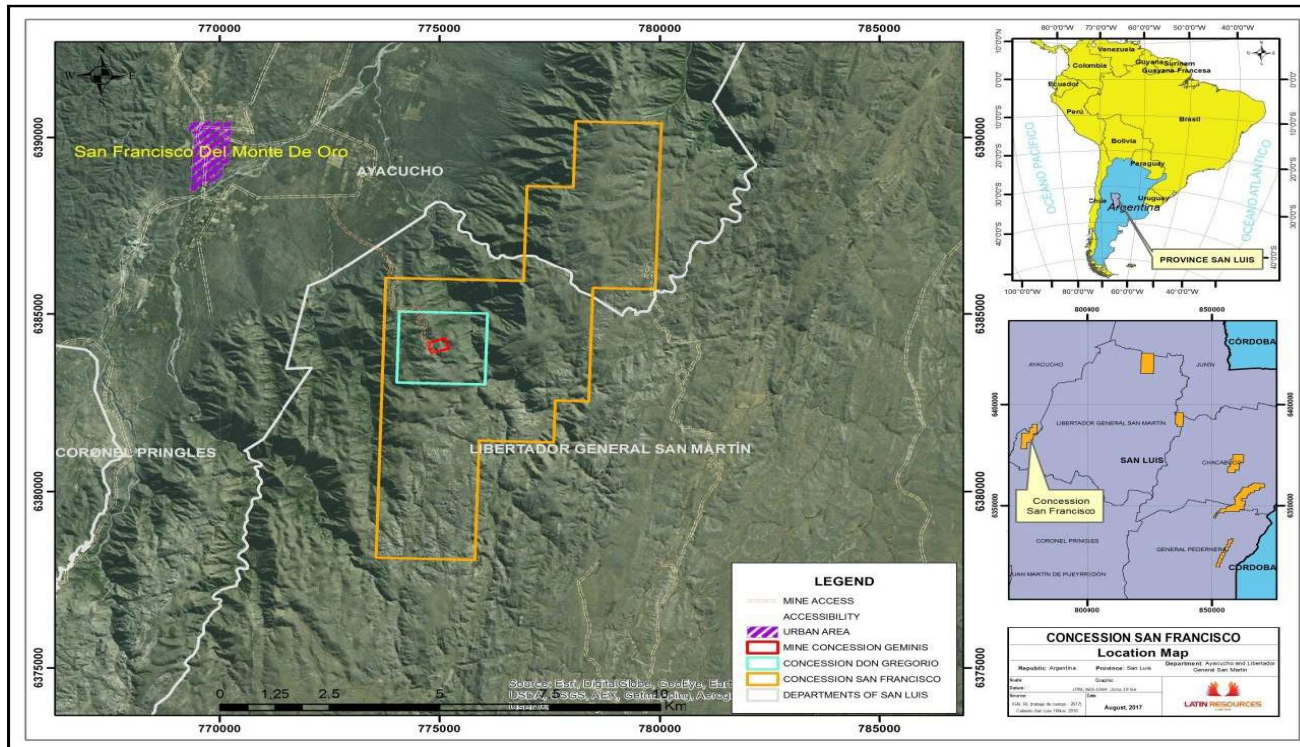
*A total of six exploration concessions have been claimed within the Conlara and Estanzuela pegmatite fields. Each claim surrounds documented lithium bearing pegmatite deposits that have been mined in the past for Lithium bearing minerals (spodumene or lepidolite) and/or other related minerals including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

Reference Name	Pegmatite Province	Area
<b>La Meta</b>	Conlara	5,000 ha
<b>La Estanzuela</b>	La Estanzuela	7,976 ha
<b>El Portazuelo</b>	La Estanzuela	1,988 ha
<b>Tilarao</b>	La Estanzuela	3,838 ha
<b>San Francisco</b>	Conlara	3,977 ha
<b>Puerta Colorada</b>	Conlara	1,990 ha
<b>Maria del Huerto</b>	Conlara	18 ha*
<b>TOTAL</b>		<b>24,789 ha</b>



## Projects – San Luis

### Geminis and Don Gregorio Resource Development

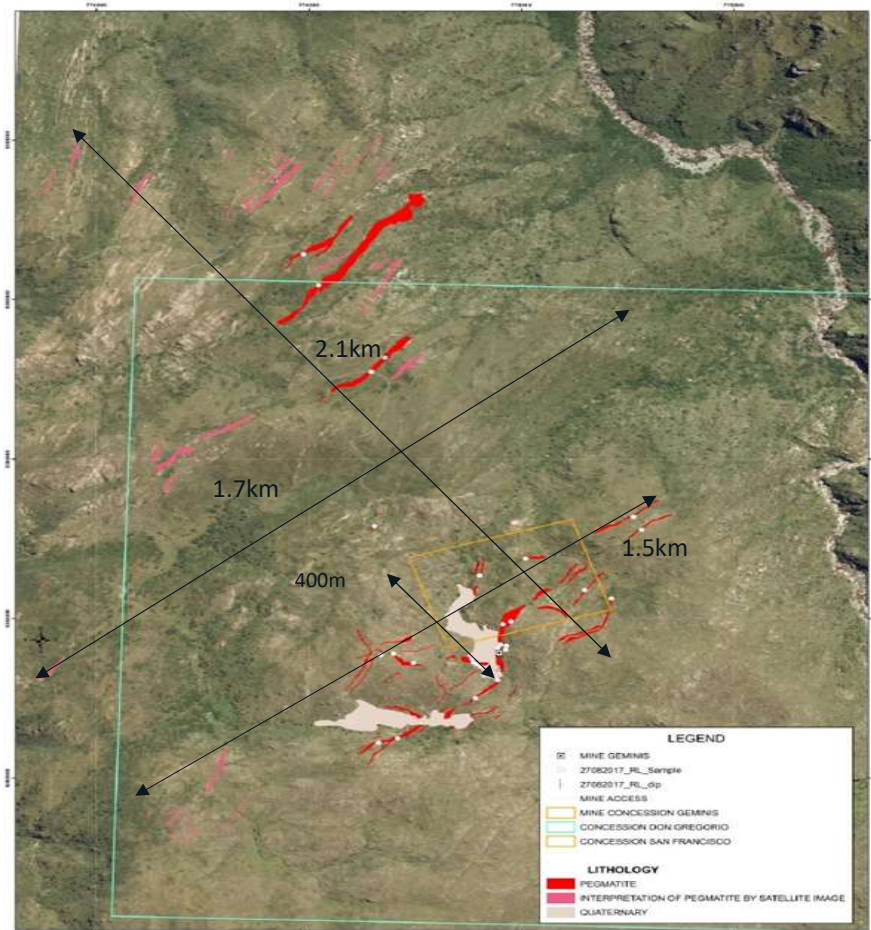


- Geminis underground mine with multiple mine entrances and 70m of tunnels was operated intermittently from the late 1930's
- Main pegmatite is 18m thick, gently dipping (20-30) with mapped strike of over 800m
- Contains high concentration of giant 2m+ spodumene crystals
- LRS has agreement signed with clear path to 100% ownership



## Projects – *San Luis*

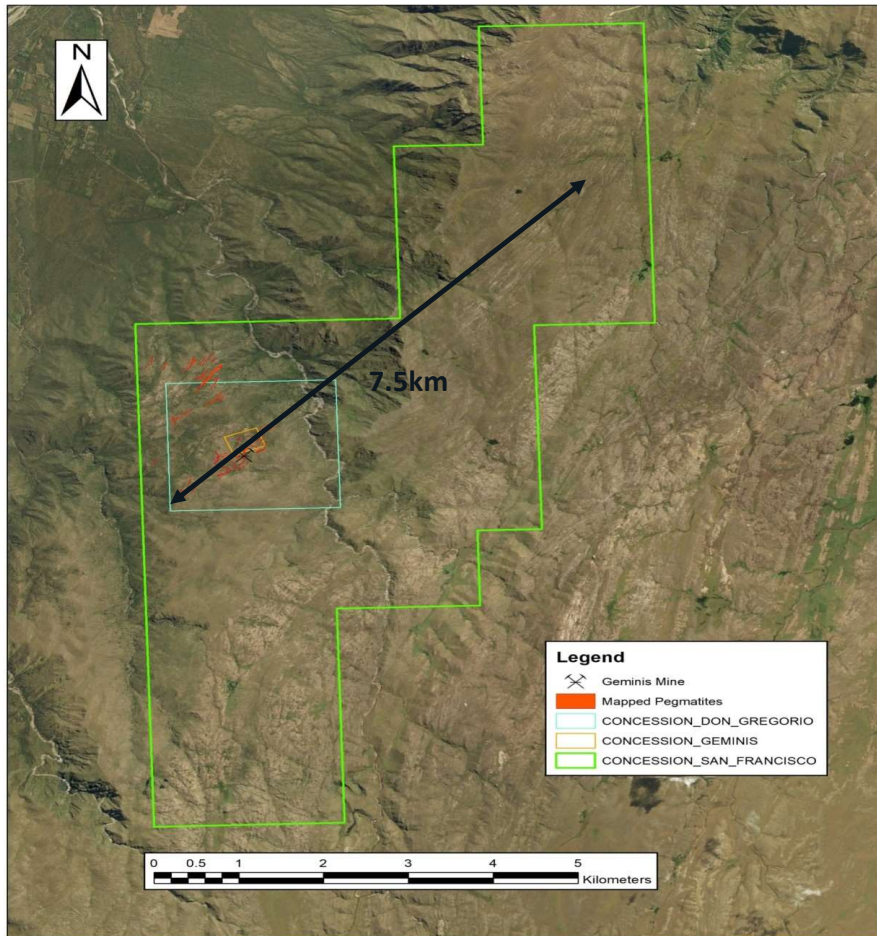
### Geminis and Don Gregorio Resource Development





## Projects – *San Luis*

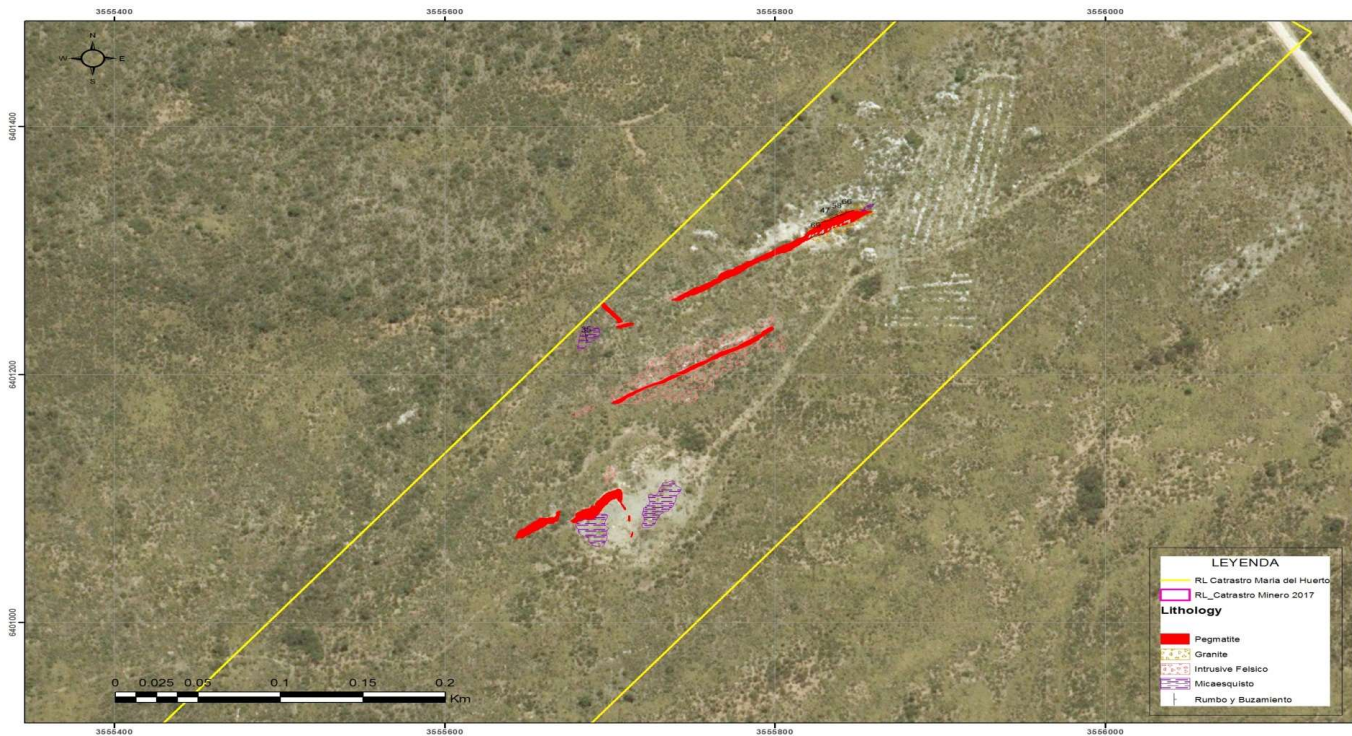
### Geminis, DG and San Francisco Exploration Potential



- Multiple thick pegmatites in the north east quadrant of San Francisco concession
- Over 7.5 km of known strike length
- High potential for multi million tonne high grade (>2% from surface rock chips) deposits with Ta and Nb credits

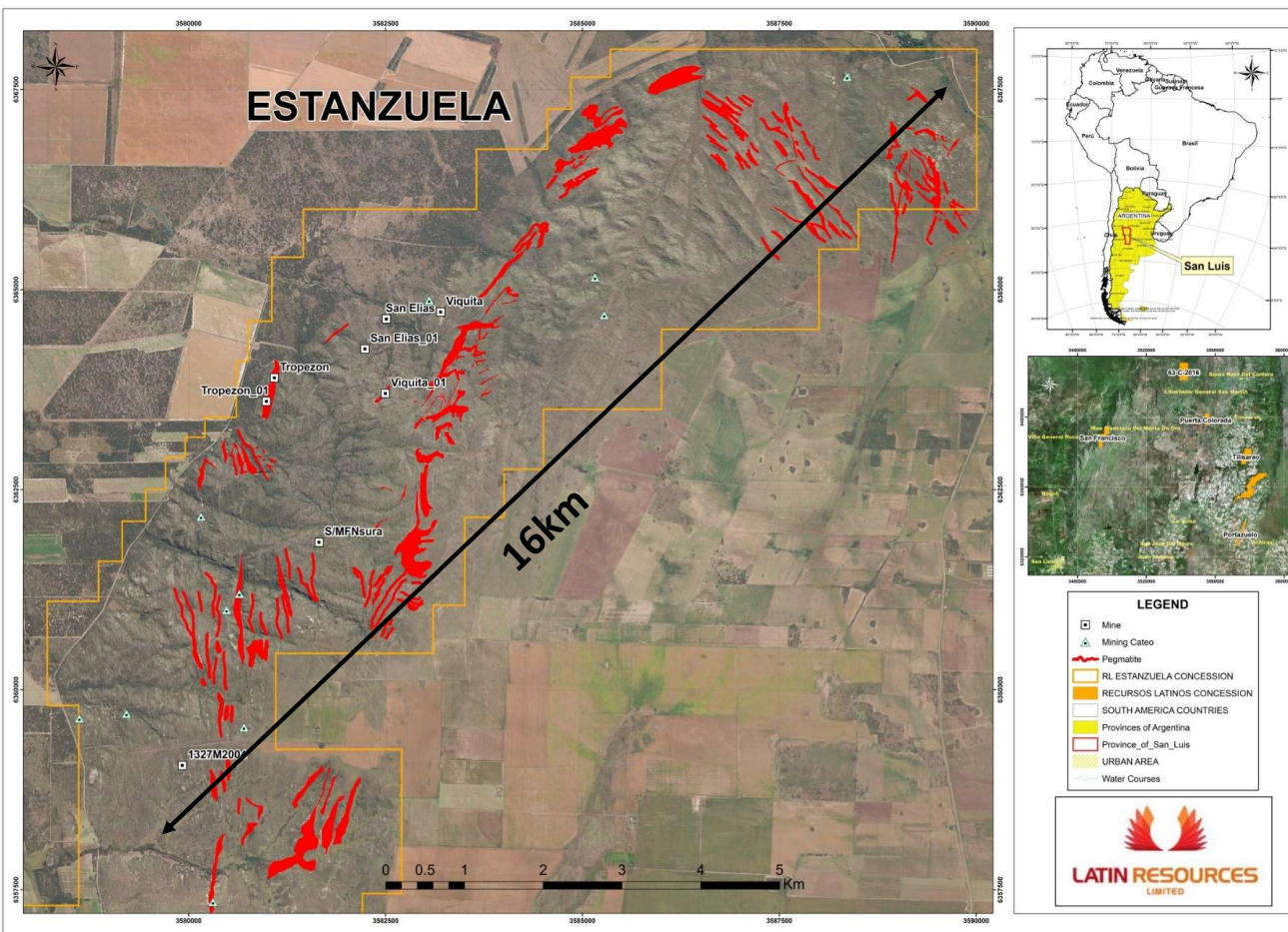


## Projects – *San Luis* Maria del Huerto Resource Development



- **First lithium mine in San Luis started circa 1936**
- **17km from Concaran plant**
- **At least 3 sub-parallel 5-6m thick pegmatites 20-30m apart dipping at 50-60**
- **Rock chips in mine average 1.8% Li<sub>2</sub>O**
- **Plan to drill 1200m DD to define structure and 3,000m RC to drill out indicated resource for starter pit**

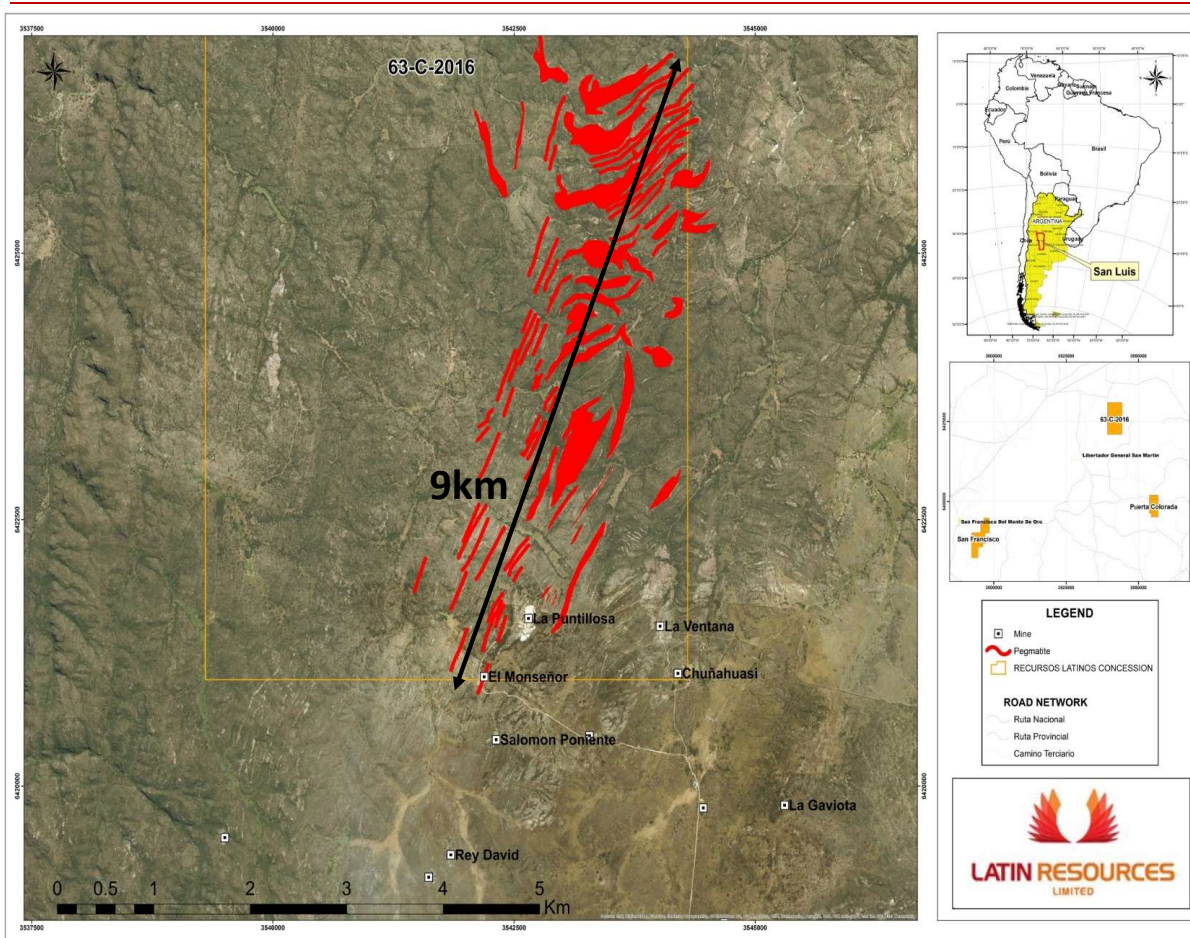
# San Luis concessions – Estanzuela



- *The Estanzuela pegmatite field surrounds documented lithium bearing pegmatite deposits that have been mined in the past for spodumene and also contain massive lepidolite. ie Viquta and Elias mines*



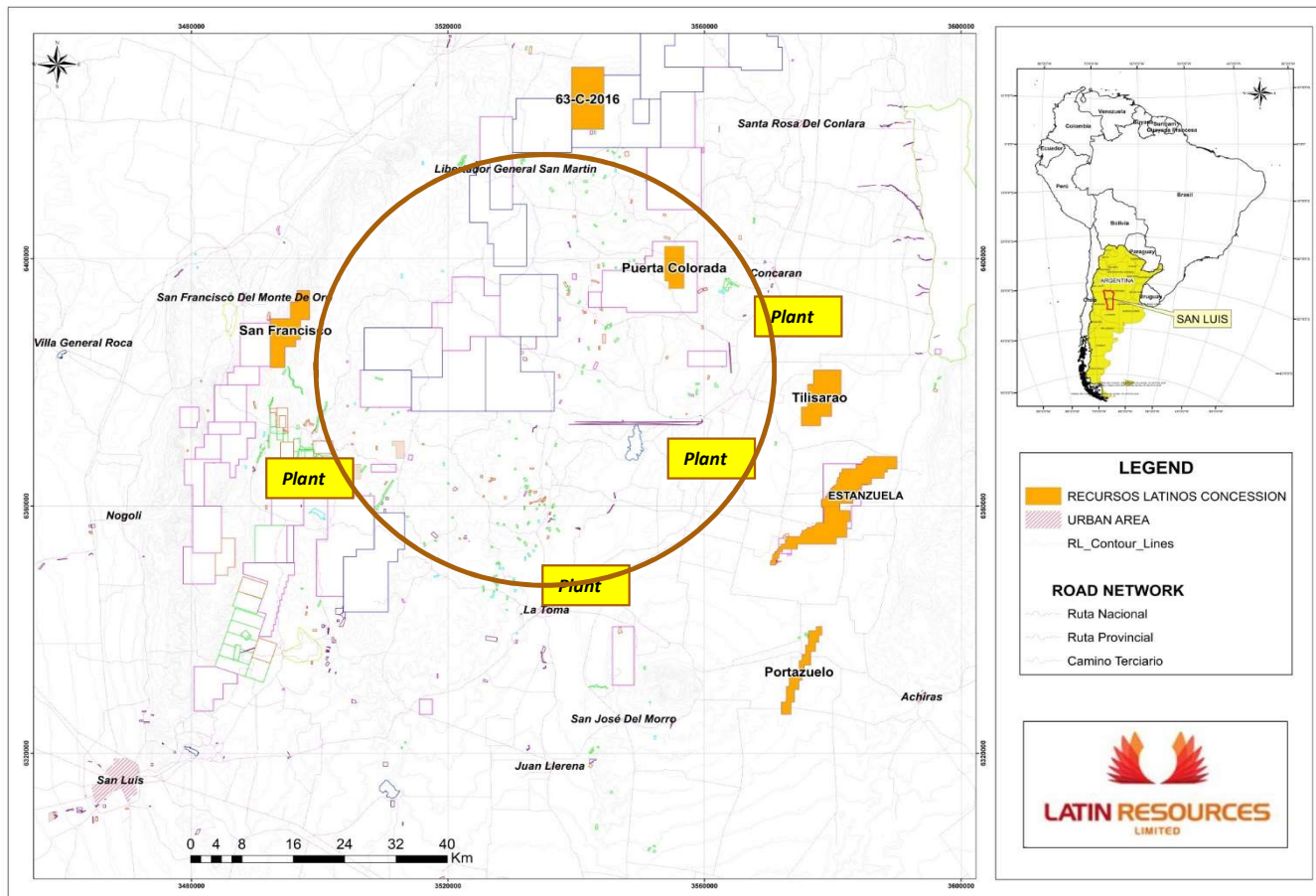
# San Luis concessions – La Meta



- *The 63-C-2016 concession consists of multiple pegmatites ranging from 40 to 700 m long over a strike distance of over 9km.*
- *Initial recon mapping to generate drill targets to commence in February 2018*



# San Luis District – Logistics



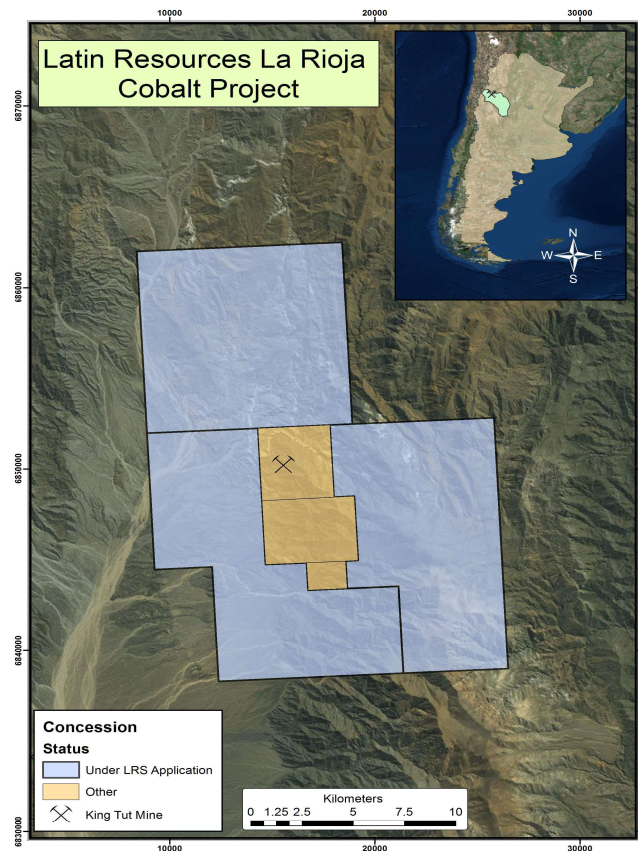
- *Plants in close proximity of LRS concessions with excellent infrastructure*
- *The San Luis district has opportunity for short term production with a number of quartz and feldspar plants in the district and close to LRS concessions*
- *LRS could modify or upgrade one of these plants to produce spodumene*
- *There are also a number of historical spodumene mines in the District that LRS may acquire or JV*
- *Permitting currently in process for granting of concessions and drill permitting.*

# Processing Plants – San Luis



- *The opportunity to add a spodumene circuit to a current processing plant in San Luis will save permitting and construction time for production*
- *Primero consulting engineers have been appointed to commence testwork on San Luis pegmatites*
- *The immediate plan is to define JORC resource as soon as possible then move into PFS phase based on upgrading existing processing plant*
- *There is also an opportunity for local miners to toll process spodumene at LRS plant*

# La Rioja Cobalt Project

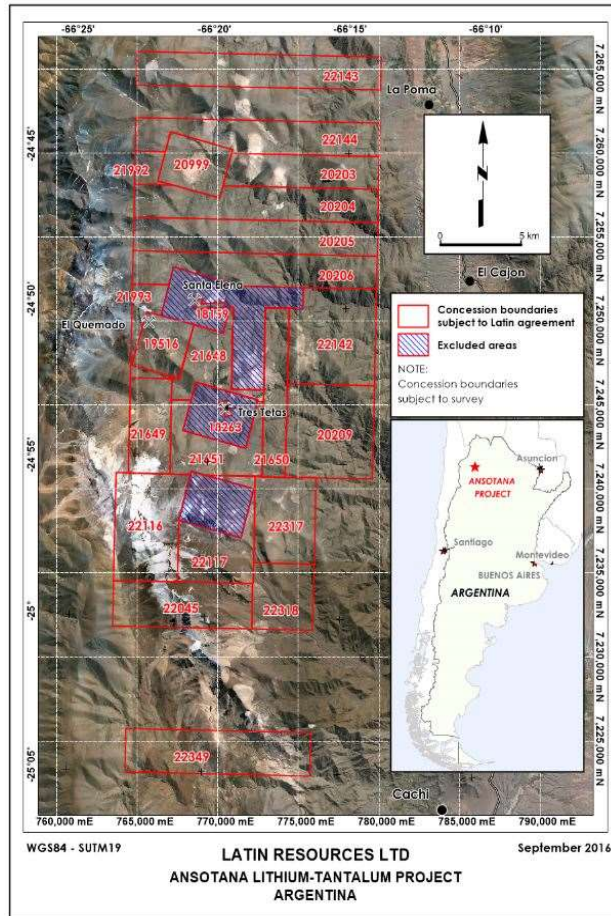


- 28,220 hectares in three exploration licences have now been applied for in the La Rioja Province, Argentina that adjoins the King Tut mine that was a historic producer of cobalt and gold ore and has been documented by various authors since at least 1922 showing cobalt ore with an average grade of 1.3% Co between 1901 – 1902.
- Location of the Latin concession applications shown surrounding the historical King Tut Co-Au mine & deposit (Solid orange areas).
- Latin's claim applications cover the blue shaded areas extending outwards from, but excluding, the known King Tut Co - Au deposits.



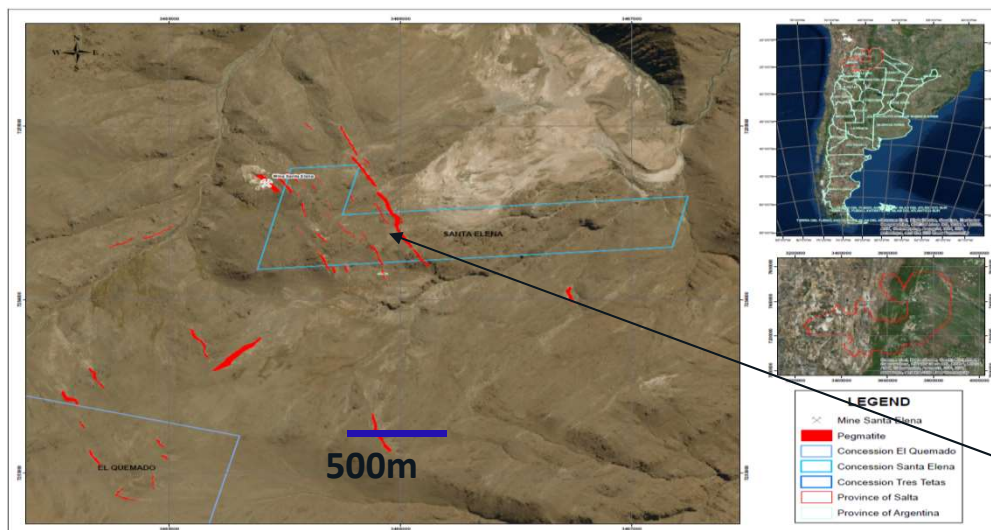
# Ansotana Lithium Tantalum Project ,Salta

## Growth opportunity

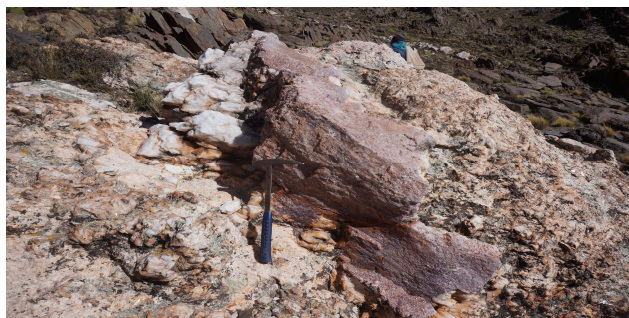


- The 24 concessions, subject to the Binding Term Sheet, cover approx. 44,290 hectares in the El Quemado pegmatite district. The project is located approximately 75 kilometres west from the city of Salta. The 60km long El Quemado pegmatite district is the most northerly of the various pegmatite districts in the 800km long Argentine Pampean Pegmatite province.
- These pegmatites are known to range in strike length up to 800m with widths up to 40m. The Ansotana mine produced commercial quantities of tantalum and bismuth. They are also known to contain the commercial quantities of lithium spodumene, amblygonite and Lepidolite.
- Initial Due Diligence is now completed and further exploration work is planned for 4<sup>th</sup> Quarter of 2017.

## Projects – Salta - Ansotana Project San Elena and El Quemado Prospect



- At least 6 pegmatites up to 25m thick and 800m long
- Mined in the 30's and 40's for tantalum



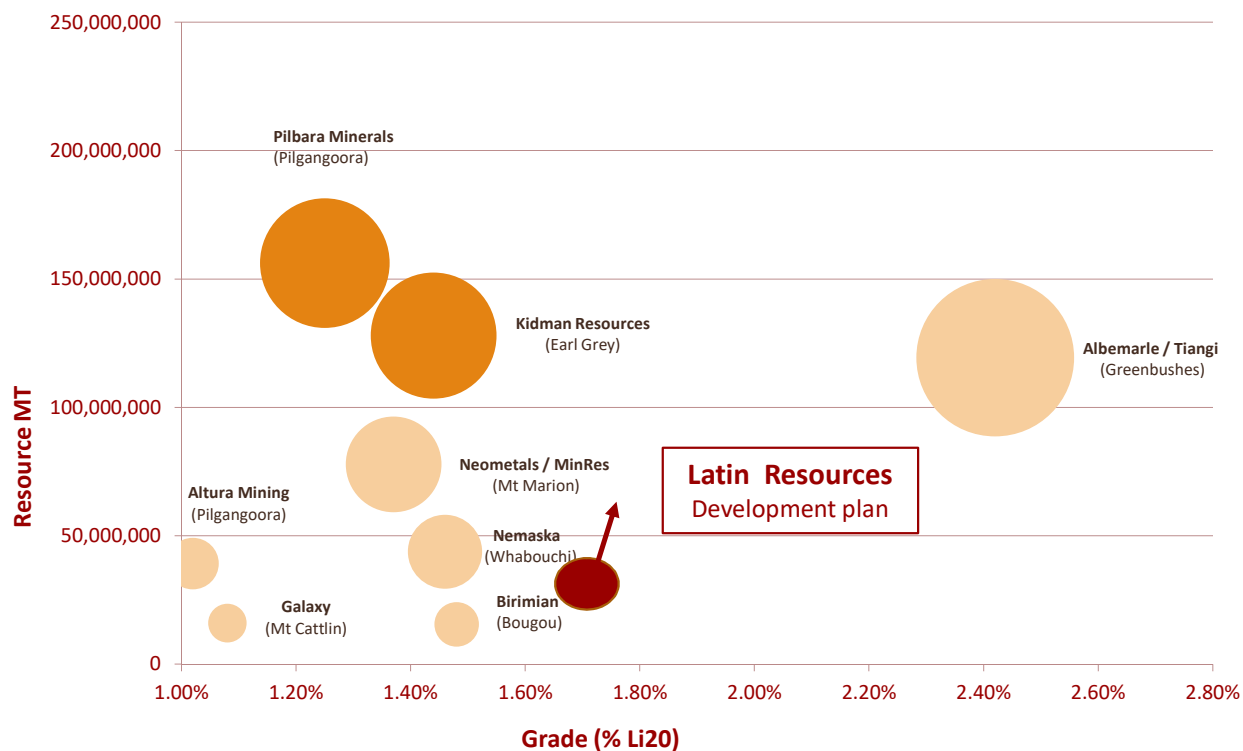
- **Abundant lepidolite**



# Globally significant hard rock lithium resources



## ASX Hard-rock Lithium Projects



Company	Grade Li <sub>2</sub> O	Resource Tonnes	Contained Lithium Oxide
Kidman Resources Earl Grey	1.44%	128,000,000	1,843,200
Altura Mining Pilgangoora	1.02%	39,200,000	312,000
Pilbara Minerals Pilgangoora	1.25%	156,300,000	1,952,000
Birimian Bougou	1.48%	15,500,000	229,400
Galaxy Metals Mt Cattlin	1.08%	16,000,000	172,800
Neometals / Mineral Resources Mt Marion	1.37%	77,800,000	1,065,860
Albemarle / Tiangi Greenbushes	2.42%	119,400,000	2,889,480
Nemaska Lithium Whabouchi	1.46%	43,808,000	639,597

Source: Published resource estimates by project owners. Note – Projects resource estimates may have been prepared under different estimation and reporting regimes and may not be directly comparable.  
 Latin Resources has not verified, and accepts no responsibility for, the accuracy of resources estimates other than its own. Readers should use appropriate caution in relying on this information.  
 Note: Tantalum adjusted resource size includes consideration of the revenue of tantalum by-product.



# Peer Lithium Comparative Analysis (September 2017 )

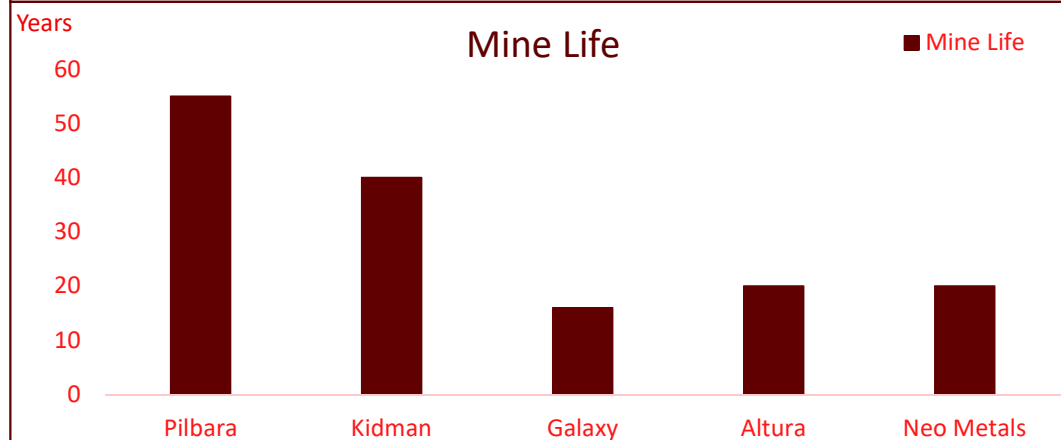
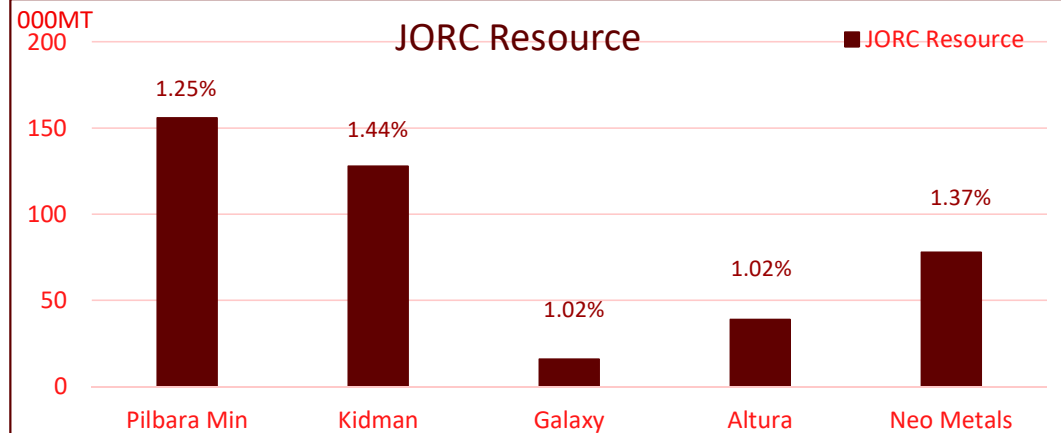


ASX Companies with  
Resource

Resource  
Size

Contained  
Lithium  
Oxide  
(tonnes)

Galaxy* (GXY)	16MT	172,000
Pilbara Minerals (PLS)	156MT	1,952,000
Neo Metals (NMT)	78MT	1,065,860
Altura Mining (AJM)	39MT	312,000
Kidman Resources (KDR)	128MT	1,843,000
Albermarle/ Greenbushes	119,400,000	2,889,000



# Major Objectives & Milestones – 2018



# Latin Resources – Capital Structure and Metrics



Latin Resources Limited		ASX CODE: LRS
Share Price	A\$0.004	
Market Cap	A\$10M	
52-Week (Low-High)	A\$0.003 - 0.024	
30 day VWAP	A\$0.005	
30-Day Daily Avg Vol	10M Shares	
Shares on issue	2,497,366,170	
Options on Issue ( \$0.001 – expire Oct 2019 )	250,000,000	
Cash on hand	A\$900,000	
Mgmt & Board Share %	8%	
Top 50 Shareholders	46%	

\*As of 20<sup>th</sup> October July , 2017



# Summary



- *Combined concessions of over 150,000 hectares - LRS largest pegmatite landholding in Argentina .*
- *Catamarca drilling program proved high grade at depth.*
- *Excellent Infrastructure -Close to main roads, power lines, rail roads, small cities and towns.*
- *Mining friendly communities and active quarries provide advantages for exploration and mining companies.*
- *LRS concessions strategically located in underexplored and unexplored ground throughout Argentina's prime hard rock lithium districts.*
- *Pegmatite outcrops have been identified by remote sensing and followed up with field work inside the asset areas in preparation for campaign drilling and rapid resource estimation and project development once drill permits approved .*
- *There are also a number of historical spodumene mines throughout other provinces that LRS plan to acquire or JV*
- *The San Luis district has opportunity for short term production with a number of quartz and feldspar plants in the district and close to LRS concessions*



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## 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 Kerry Griffin, who is a Member of the Australian Institute of Geoscientists. Mr Griffin has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Griffin is the Exploration and Development Manager of Latin Resources Limited and consents to the inclusion in this report of the matters based on his information, and information presented to him, in the form and context in which it appears.*

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## **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): “Goeconomic 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.*

## Historical Foreign Estimates of Mineralisation

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