

18 March 2013

**ASX/TSX ANNOUNCEMENT**

**Company Presentation**

Attached is a company presentation to be given by Managing Director, Richard Seville on 18 March 2013 at the Hong Kong Mines and Money conference.

Paul Crawford  
Company Secretary

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Figure 4 & 5: Construction of the main road across the salar.



Figure 6: Construction of the road from the east side of the salar to the drilling area



Figure 7: Cleared ground for evaporation ponds



Figure 8: Construction of Evaporation ponds

### **About Orocobre Limited**

Orocobre Limited is listed on the Australian Securities Exchange and Toronto Stock Exchange (ASX:ORE, TSX:ORL), and is building a substantial Argentinian-based industrial minerals company through the construction and operation of its portfolio of lithium, potash and boron projects and facilities in the Puna region of northern Argentina. The Company is building in partnership with Toyota Tsusho Corporation the first large-scale, “greenfield” brine based lithium project in 20 years at its flagship Salar de Olaroz resource, with projected production of 17,500 tonnes per annum of low-cost battery grade lithium carbonate scheduled to commence in Q2 2014. The Company also wholly-owns Borax Argentina, an important regional borate producer. Orocobre has recently been included in the S&P/ASX 300 Index and was named 2012 Mining Company of the Year by Argentine mining magazine Panorama Minero and the Fundacion para el desarrollo de la Minería Argentina (“Fundamin” or Foundation for Development of Argentina Mining). For further information, please visit [www.orocobre.com](http://www.orocobre.com)

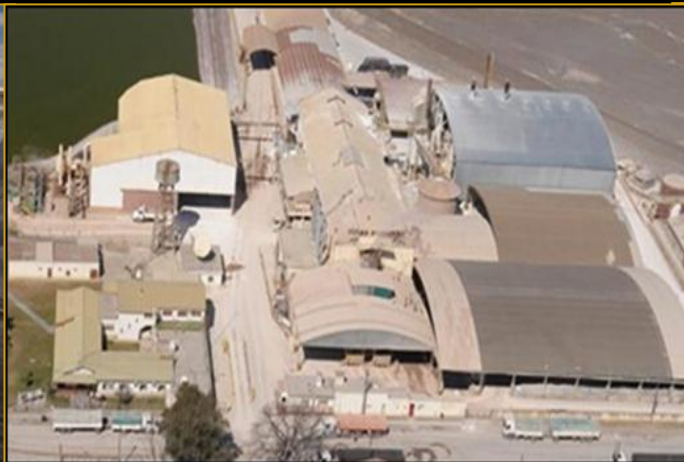
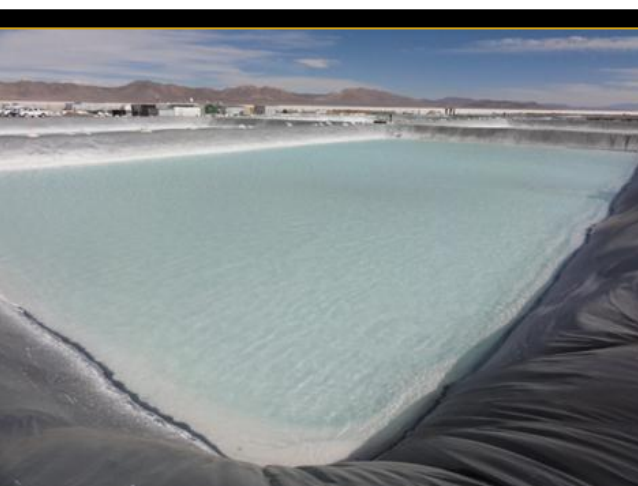
**Caution Regarding Forward-Looking Information**

*This news release contains “forward-looking information” within the meaning of applicable securities legislation. Forward-looking information contained in this release includes, but is not limited to, the draw down of finance for the Olaroz Project, the completion of construction at the Olaroz Project and the timing thereof, the commencement of commercial production at the Olaroz Project and the timing thereof, the cost of construction relative to the estimated capital cost of the Olaroz Project, the design production rate for lithium carbonate and potash at the Olaroz Project, the expected brine grade at the Olaroz Project, the expected operating costs at the Olaroz Project and the comparison of such expected costs to expected global operating costs, and the ongoing working relationship between Orocobre and the Province of Jujuy.*

*Such forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from those expressed or implied by such forward-looking information, including but not limited to the risk of further changes in government regulations, policies or legislation; the possibility that required concessions may not be obtained, or may be obtained only on terms and conditions that are materially worse than anticipated; the risk that the conditions precedent to draw down the project financing with Mizuho Corporate Bank will not be met; that further funding may be required, but unavailable, for the ongoing development of the Company’s projects; fluctuations or decreases in commodity prices; uncertainty in the estimation, economic viability, recoverability and processing of mineral resources; risks associated with weather patterns and impact on production rate; risks associated with construction and development of the Olaroz Project; unexpected capital or operating cost increases; uncertainty of meeting anticipated program milestones at the Olaroz Project; general risks associated with the feasibility and development of the Olaroz Project; as well as those factors disclosed in the Company’s Annual Information Form for the year ended June 30, 2012 filed at [www.sedar.com](http://www.sedar.com)*

*The Company believes that the assumptions and expectations reflected in such forward-looking information are reasonable. Assumptions have been made regarding, among other things: the timely receipt of required approvals and completion of agreements on reasonable terms and conditions; the ability of the Company to obtain financing as and when required and on reasonable terms and conditions; the prices of lithium and potash; and the ability of the Company to operate in a safe, efficient and effective manner. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws.*





# Orocobre Limited

CONSTRUCTING THE FIRST LARGE SCALE LITHIUM BRINE PROJECT  
IN TWENTY YEARS

Presentation

March 2013

# Cautionary Notes

This presentation has been prepared by the management of Orocobre Limited (the 'Company') in connection with meetings with institutional investors, for the benefit of brokers and analysts and not as specific advice to any particular party or person. The information is based on publicly available information, internally developed data and other sources. Where any opinion is expressed in this presentation, it is based on the assumptions and limitations mentioned herein and is an expression of present opinion only. No warranties or representations can be made as to the origin, validity, accuracy, completeness, currency or reliability of the information. The Company disclaims and excludes all liability (to the extent permitted by law) for losses, claims, damages, demands, costs and expenses of whatever nature arising in any way out of or in connection with the information, its accuracy, completeness or by reason of reliance by any person on any of it.

This presentation contains "forward-looking information" within the meaning of applicable securities legislation. Forward-looking information is often characterized by words such as "plan", "expect", "budget", "target", "project", "intend", "believe", "anticipate", "estimate" and other similar words or statements that certain events or conditions "may" or "will" occur. Forward-looking information may include, but is not limited to, the financing and profitability of the Olaroz Project, the drawing down of project finance for Mizuho Corporate Bank, the completion of construction at the Olaroz Project, the capital expenditure incurred at the time of completion of construction and the timing thereof, the commencement of commercial production at the Olaroz Project and the timing thereof, the design production rate for lithium carbon and potash at the Olaroz Project, the expected brine grade at the Olaroz Project, the expected operating costs at the Olaroz Project and the comparison of such expected costs to expected global operating costs, the ongoing working relationship between Orocobre and the Provinces of Jujuy and Salta, the future financial and operating performance of the Company, its affiliates and subsidiaries including Borax Argentina, the results of the Olaroz feasibility study, the estimation and realization of mineral resources at the Company's projects, the viability, recoverability and processing of such resources, timing of future exploration at the Company's projects, timing and receipt of approvals, consents and permits under applicable legislation, trends in Argentina relating to the role of government in the economy (and particularly its role and participation in mining projects), adequacy of financial resources, forecasts relating to the lithium, boron and potash markets, production and other milestones for the Olaroz project, the Olaroz project's future financial and operating performance including production, rates of return, operating costs, capital costs and cash flows, potential operating synergies between the Salinas Grandes and Cauchari projects and the Olaroz project, the potential processing of brines from the Cauchari Project and the incremental capital cost of such processing, expansion, growth and optimisation of Borax Argentina's operations, the integration of Borax Argentina's operations with those of Orocobre and any synergies relating thereto and other matters related to the development of the Company's projects and the timing of the foregoing matters.

Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from those expressed or implied by such forward-looking information, including but not limited to the risk of further changes in government regulations, policies or legislation; the conditions to drawdown of project finance are not satisfied and drawdown is delayed or does not occur, that further funding may be required, but unavailable, for the ongoing development of the Company's projects; fluctuations or decreases in commodity prices; uncertainty in the estimation, economic viability, recoverability and processing of mineral resources; risks associated with construction and development of the Olaroz Project; unexpected capital or operating cost increases; uncertainty of meeting anticipated program milestones at the Olaroz Project or the Company's other projects; general risks associated with the feasibility and development of the Olaroz Project and the Company's other projects; risks associated with investments in publicly listed companies, such as the Company; risks associated with general economic conditions; the risk that the historical estimates for Borax Argentina's properties that were prepared by Rio Tinto, Borax Argentina and/or their consultants (including the size and grade of such resources) are incorrect in any material respect; the inability to efficiently integrate the operations of Borax Argentina with those of Orocobre; as well as those factors disclosed in the Company's Annual Information Form for the year ended June 30, 2012 filed at [www.sedar.com](http://www.sedar.com).

Forward-looking information is based on a number of assumptions and estimates that, while considered reasonable by the Company, may prove to be incorrect. Assumptions have been made regarding, among other things: the Company's ability to carry on its exploration and development activities at its projects and to continue production at Borax Argentina's properties, the timely receipt of required approvals, the prices of lithium, potash and boron, the ability of the Company to operate in a safe, efficient and effective manner and the ability of the Company to obtain financing as and when required and on reasonable terms. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

# Investment Highlights

## Significant operating & development assets in northwest Argentina

- Successful recent transformation from explorer status to developer and producer

## Flagship Olaroz lithium project

- Partnership with Toyota Tsusho Corporation and Jujuy provincial government mining company
- Low cost debt funding up to US\$192m provided by Mizuho Corporate Bank (“Mizuho”) with a debt guarantee from Japanese government’s Japan Oil, Gas and Metals National Corporation (“JOGMEC”)
- Construction underway and on budget with commercial production expected in Q2 2014
- Low operating cost / high margin project – Annual EBITDA ~US\$70 million in Phase 1 at 17,500 tpa lithium carbonate production
- Large world-class JORC / NI 43-101 resource (6.4mt LCE, 19.3mt KCL) supports significant expansion potential in lithium, potash and boron
- Battery grade lithium carbonate has been produced at the onsite pilot plant for over 2 years

## Borax Argentina operations

- Acquired from Rio Tinto in August 2012 – 35,000-40,000t of production
- Long-established regional presence provides valuable support in developing key lithium-potash assets
- Jujuy & Salta provinces of Argentina are key areas of activities
- Upside is significant given size of deposits

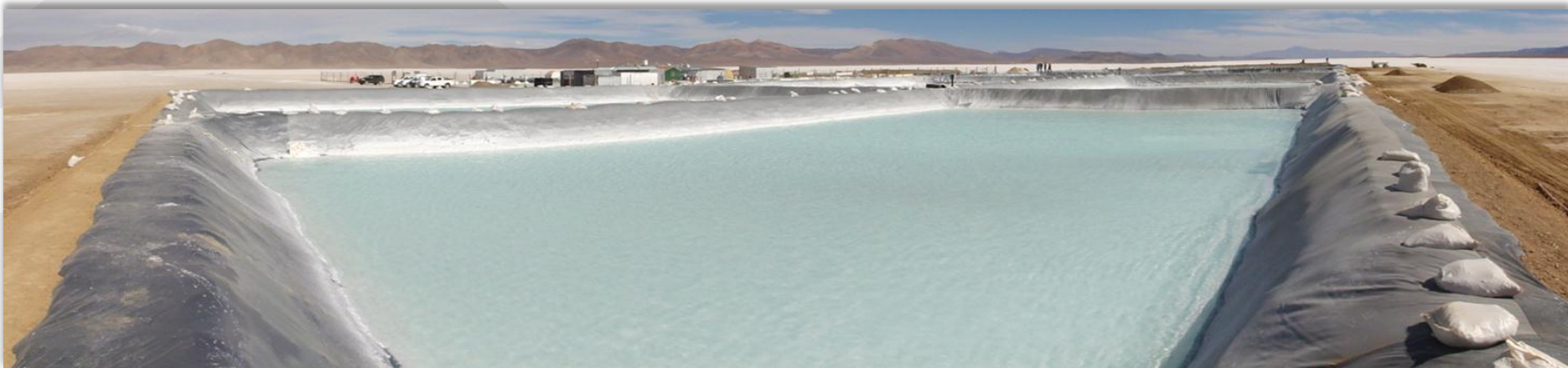
## Portfolio of other regional projects with attractive potential

- Key milestones already achieved across other projects
- Cauchari & Salinas Grandes brines proximity to Olaroz provides expansion potential & execution flexibility

## Long-term lithium, borates and potash markets look positive

# Strategic Objectives

- Deliver the flagship Olaroz lithium project **on time and within budget** & establish it as a significant low cost producer of battery-grade lithium carbonate and high EBITDA business
- Expand lithium chemicals production from the large resource at Olaroz
- Add potash chemical production from Olaroz
- Develop Cauchari & Salinas Grandes brine resources by leveraging operational synergies with the Olaroz Project
- Grow boron chemicals production from Borax Argentina mineral assets and from brines with strong EDITDA margins
- Benefit the communities in which we operate
- Create a strong internal culture based on values and the development of our people





# Capital Markets Snapshot (ASX:ORE,TSX:ORL)

## SHARE CAPITAL

(Mar 6th, 2013)

Shares on Issue 117,745,140

Options 1,885,000

Close ASX/TSX \$1.40/C\$1.47

Market Cap A\$164.9m/C\$174.3m

52-Week Range

ASX A\$1.11 - \$2.42

TSX C\$1.12 - \$2.55

Cash \$10M

(Free cash net of all funding obligations for  
Olaroz and excluding Borax Argentina)

## INSIDER SHAREHOLDINGS

Executive and Directors 14%



## RESEARCH COVERAGE

Patersons Securities (Andrew Harrington) — *Sydney*

GMP Securities (Levi Spry) — *Sydney*

Canaccord Genuity (Luke Smith) — *Melbourne*

Cormark Securities (Edward Otto) — *Toronto*

Dundee Securities (Mansur Khan) — *Toronto*

Byron Capital (Jonathan Lee) — *Toronto*

Stifel Nicolaus (Michael Scoon) — *Toronto*

## INVESTOR RELATIONS CONTACTS

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# Complementary Operating & Development Assets

## Salar de Olaroz (Li, K, B)

- Toyota Tsusho Corp. JV partner
- Large 6.4 Mt LCE, 19.3 Mt KCL resource
- Long project life, low operating costs, expandable
- Fully funded & construction underway
- Initial commercial production in Q2 2014

## Borax Argentina (B)

- Acquired 2012 Q3 – 50 yr operating history
- ~35-40,000tpa products
- Asset rich - 3 mines & concentrators, refinery, low extraction rates

## Cauchari (Li, K, B)

- Lithium-potash-boron property immediately south of planned Olaroz plant
- Inferred Resource 470Kt LCE + 1.6Mt KCL
- Incremental production for Olaroz

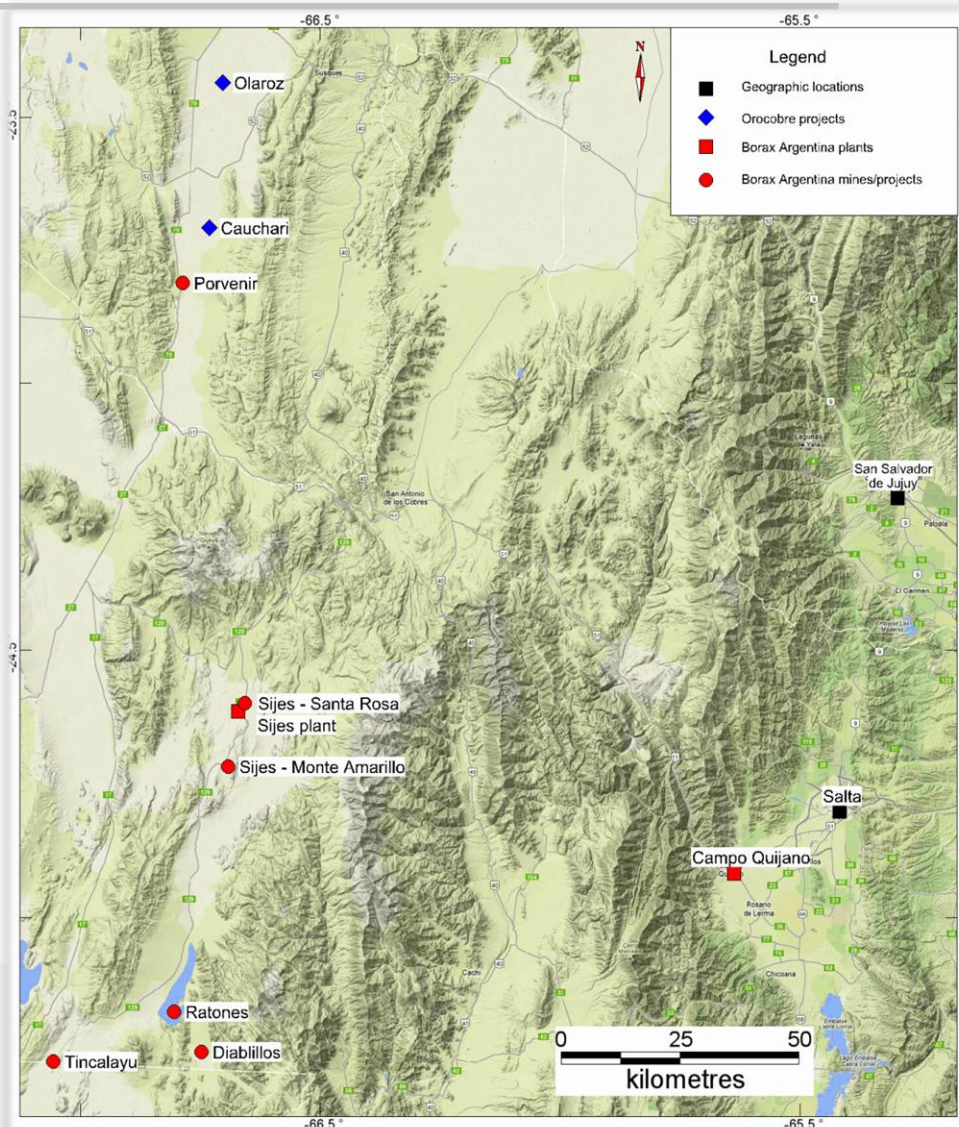
## Salinas Grandes / Cangrejillos (K, Li, B)

- Li-K project -Drilling shows excellent grades & chemistry
- Inferred Resource 240,000t LCE & 1.0Mt KCL

## Guayatoyoc & Others (Li, K, B)

- Includes “K” discoveries – not yet drilled

The conversion rate used is 5.32 tonnes of lithium carbonate equates to 1 tonne of lithium metal and 1.91 tonnes of muriate of potash equates to 1 tonne of potassium metal.



# Olaroz Project Summary

- High standard DFS completed in April 2011.
- Excellent infrastructure – road, gas pipeline, water, people
- Large JORC / NI 43-101 resource - 6.4 Mt LCE & 19.3 Mt KCl to 200m with basin depth potential of 600m. (Appendix 3). Significant potential for much larger resource
- Revised production of 17,500 tpa battery grade lithium carbonate. Option for 20,000 tpa potash
- Over 40 years modeled life, approximately 15% of resource to 200m is extracted
- High lithium resource grade of 690 mg/l Li and low Mg/Li ratio of 2.4 (see Appendices)
- Process development complete, lithium carbonate produced on-site for over 2 years at well above battery grade specification
- Modest CAPEX of US\$229 million contingency – impact of excellent existing infrastructure and implementation strategy
- Fully Funded (executed debt finance docs)
- Strong EBITDA margins of approximately US\$4,000/t lithium carbonate excluding KCl credits.





# Olaroz Project – Government Relationship & Partnership

- June 26, 2012 – Together with the Governor of Jujuy and various Provincial and National Government officials, the Olaroz Project was presented to the Argentine President
- At the same time, it was announced that Orocobre had entered into an agreement with provincial government owned Jujuy Energía y Minería Sociedad del Estado (“JEMSE”) and that the project had been approved by the Expert Committee responsible for the assessment of lithium projects in Jujuy province. The key terms of the JEMSE agreement are that it has been granted an 8.5% equity interest in the Olaroz project. JEMSE’s share of construction financing will be loaned by Orocobre and repayable out of 33.3% of dividends received by JEMSE
- On 25<sup>th</sup> July, Jujuy Government formally approved the project and the mining leases were issued. In addition the EIS Addenda was approved by the Director of Mines following recommendation by UGAMP in 2011





# Olaroz Project – Minimising Implementation Risk

- EPCM implementation with international design and procurement with SKM plus a strong Jujuy based owners team and Argentine construction manager.
- Developed “Jujuy First” strategy working closely with local suppliers and contractors to provide best result to maximise local involvement and economic impact in local economy
- Working with contractors and communities to maximise employment for local people
- The strong local management and utilisation of local companies has provided the following benefits:
  - Knowledge of local laws, requirements and procedures expedites progress and ensures we minimise procurement and construction risks
  - Knowledge of local producers ensures the engineering design is suited to support local industry and reduces lead times for materials.
  - Knowledge of local conditions and possible problems allows forward planning to occur to prevent delays.

By managing and partnering with local companies we reduce our risk exposure and we have greater confidence in achieving our goal of delivering the Olaroz project ***on time and within budget.***

# Olaroz Project – Community Partnership

- We constantly interact with the community to participate in areas such as education, transparent communication, environmental management and promotion of employment opportunities.
- **EDUCATION**
  - "To ensure access to educational services, formal and non-formal".
  - "To support kids of scholarship age to promote an enterprise spirit"
  - "Achieving 70% of young people between 13 and 25 years old have completed high school"
- **Activities**
  - In Olaroz Chico Community we are implementing a program together with Junior Achievement. To date we have given six classes about community, institutions, business, money, and dreams.
  - We continue supporting tutorial systems which aim to get young people who want to undertake and complete their High School education.



# Olaroz Project – Community Partnership

- **HEALTH**

- “Facilitate the access to health services ”
- "Achieve 100% of the population having access to timely and quality services in primary health care.
- We conduct medical tours including a general practitioner, pediatrician, dentist, and ophthalmologist. As an example the tours in January were conducted in the communities of Huancar, Pastos Chicos and Puesto Sey.

- We measure our performance monthly and during January, Promover Foundation attended a total of:

Month	Community	Ophthalmology	Dentistry	Pediatrics	Total Performance
January	Pastos Chicos	0	37	4	41
	Huancar	0	0	0	0
	Olaroz chico	0	13	5	18
	Puesto Sey	0		18	18
<b>TOTAL</b>		0	50	27	77

## Olaroz Project – Toyota Tsusho Corporation – Strong JV partner

- Toyota Tsusho Corporation (“TTC”) is 22% owned by Toyota Motor Corporation & 11% owned by Toyota Industries, and one of Japan’s leading global trading houses.
- Definitive Shareholders Agreement executed in October 2012 for a joint venture to develop Olaroz lithium project with TTC holding a 25% interest.
- The effective Olaroz Project equity interest is Orocobre 66.5%, TTC 25.0% and JEMSE 8.5%.
- Low cost financing package from Japan facilitated through TTC and arranged by Mizuho Corporate Bank (“Mizuho”) with total facilities available of approximately US\$192 million
- The debt package covers 70% of CAPEX and will be guaranteed by the Japanese government’s Japan Oil, Gas and Metals National Corporation (“JOGMEC”)
- TTC had agency rights for lithium carbonate production for first phase





## Olaroz Is Fully funded

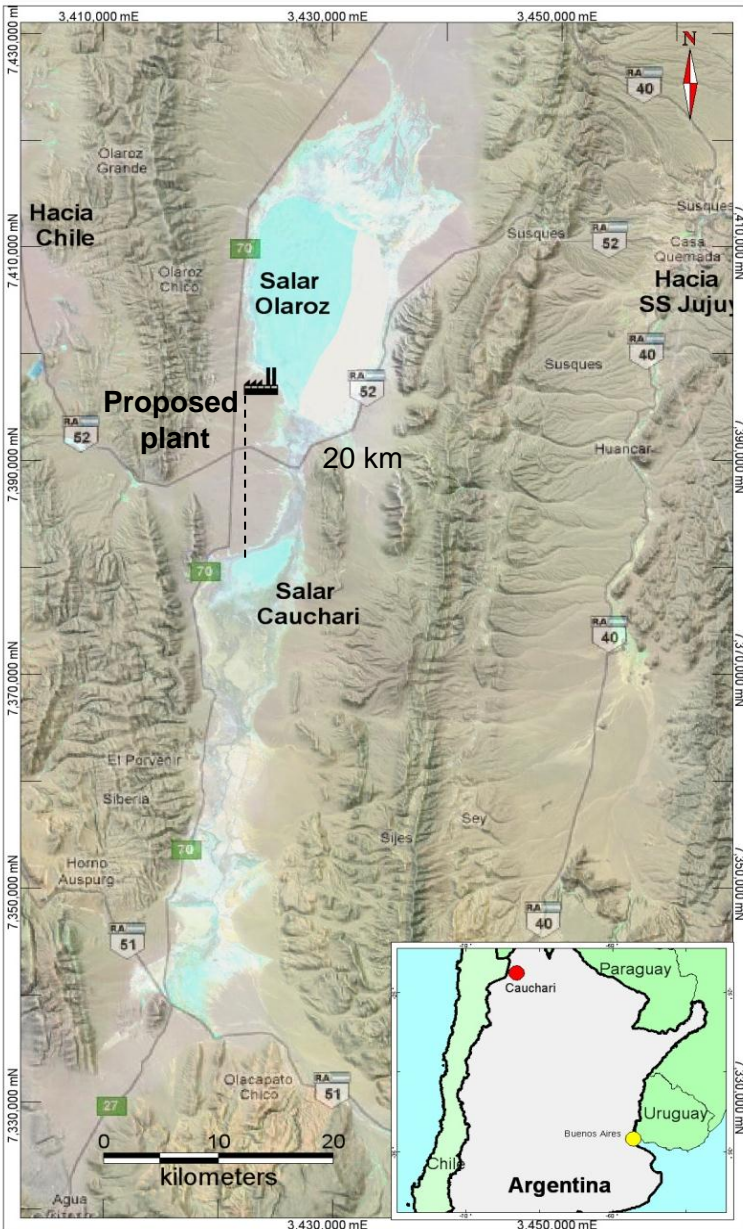
<b>Project Capital Cost</b>	<ul style="list-style-type: none"><li>• US\$229.1 million including contingency</li></ul>
<b>Equity Financing</b>	<ul style="list-style-type: none"><li>• Orocobre 66.5%, TTC 25%, JEMSE 8.5% (funded by Orocobre)</li><li>• Total project equity of US\$82.8 million</li></ul>
<b>Debt Financing</b>	<ul style="list-style-type: none"><li>• US\$146.3 million based on US\$229.1 million CAPEX</li><li>• US\$45.6 million additional facilities</li><li>• ~4.5% fixed rate, term of 10 years after grace period</li><li>• Dividends payable twice yearly after debt service</li></ul>
<b>Guarantees / Commitments</b>	<ul style="list-style-type: none"><li>• JOGMEC guarantee for 82.4% of drawn debt post completion</li><li>• Additional guarantees from TTC</li></ul>

# Olaroz Project – Current status



- Full scale construction commenced mid-November 2012
- EPCM implementation with high level of local content.
- Detailed engineering complete
- Tendering process completed for Phase 1
- Approximately 30% of contract value let. All major contracts under budget.
- Commercial production Q2 2014

# Salar de Cauchari – Synergies with Olaroz



## Promising project located immediately south of Orocobre's flagship Olaroz project

- >30,000 ha of properties immediately south of Olaroz, held by 85% owned South America Salars
- Possible additional brine source for the planned Olaroz plant, 20 km North
- Cauchari project now considered extension of Olaroz

## Resource Estimate

- Inferred resource estimated at 470Kt LCE & 1.6 Mt KCl (Appendix 3)
- Elevated lithium & potassium to base of drilling at 249 meters; larger exploration target extends deeper

## Significant synergy potential with Olaroz project

- K/Li grades lower than Olaroz but still attractive
- Similar chemistry but with higher sulphate
- Should be amenable for treatment concurrent with Olaroz brine with minor process changes
- Olaroz expansion CAPEX is @ 30-40% discount to establishment CAPEX.



# Salinas Grandes Project – Incremental Potash-Lithium target

## Extensive Landholding in Salinas Grandes salar

- 85% interest via South American Salars with 13,500+ hectares in the salar nucleus
- Good access to key infrastructure including port, gas pipeline, road and rail

## Synergies with flagship Olaroz Project

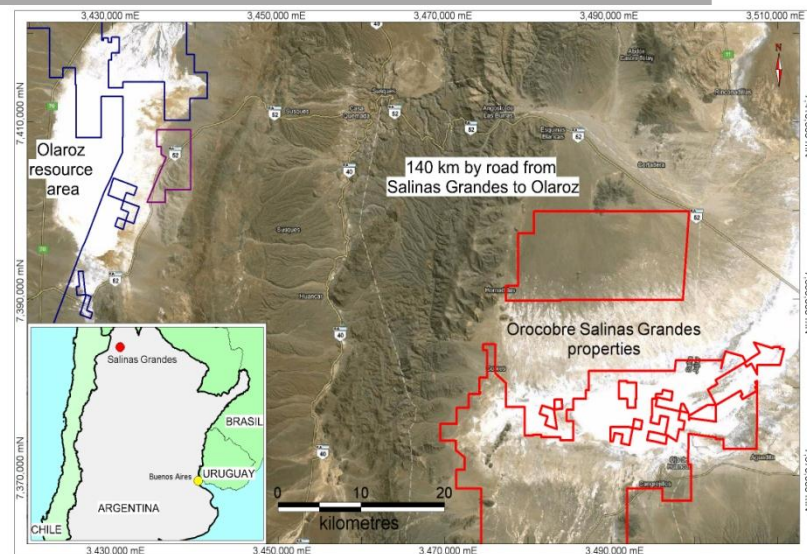
- Salinas Grandes is 70 km south-east of Olaroz and has potential to be partly integrated into the flagship Olaroz Project

## Excellent Chemistry

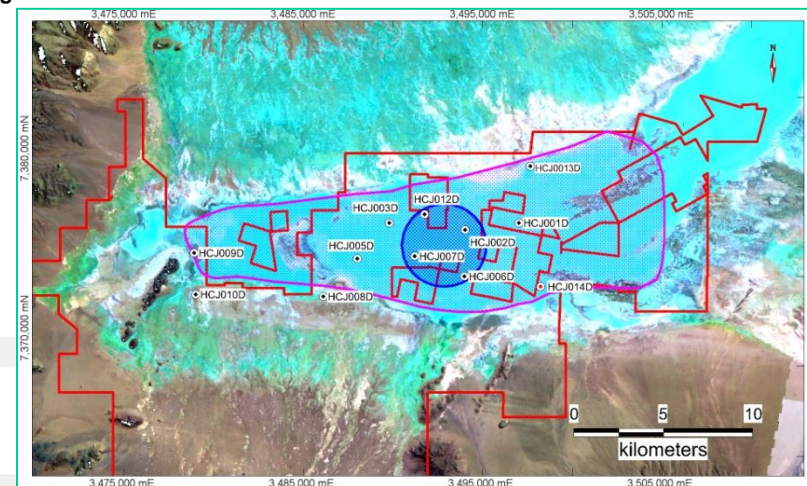
- Brine geochemistry in the salar is favourable for high Li and K recoveries with a simple, low operating cost process route. Low Mg/Li ratio (2.8), low SO<sub>4</sub>/Li ratio (8.7), high K/Li ratio (13)

## Resource Estimate

- A shallow inferred resource has been estimated containing 239,200 tonnes lithium carbonate equivalent and 1.03 million tonnes of potash (KCl) to an average depth of 13.3m (Appendix 3)



Above: The location of the Salinas Grandes and Olaroz projects in northern Argentina



Above: The location of drill holes at Salinas Grandes within the Orocobre tenements



# Borax Argentina – Operations

- Acquired in August 2012 from Rio Tinto – Borax Argentina is a long established (50+ years) boron minerals & refined chemicals producer, and owns one of the few important borate deposits globally
- Annual production of 35,000-40,000 t of boron chemicals & mineral concentrates
- Operations include three open pit mines and concentration plants in Tincalayu, Sijes & Porvenir.
- Refinery operations at Campo Quijano produce various boron chemical products, including boric acid, borax decahydrate, borax pentahydrate, anhydrous borax & boroglas.
- Reliable supplier of high quality products & has long-term relationships with key South American industrial and agricultural customers
- “Historical estimates” of significant boron mineralisation including mineral deposits at Diablillos and Ratones which are essentially undeveloped.



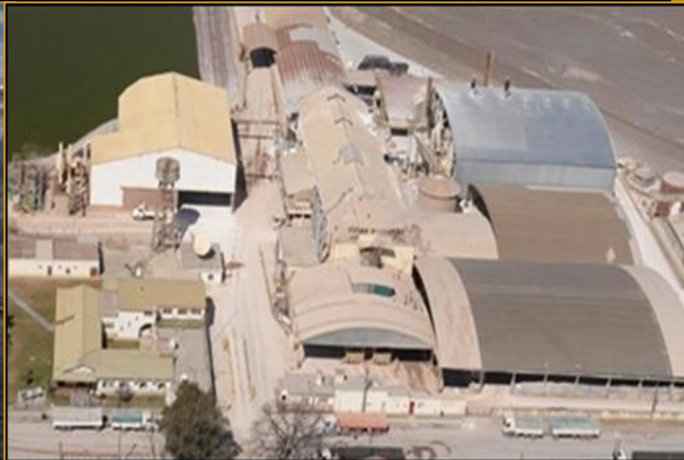
# Borax Argentina – Strongly complements Lithium focus

- Extensive operations and landholdings provide platform for potential increased financial and production performance
  - Near-term – potential to materially improve performance via process recovery & asset utilization.
  - Longer-term – potential to increase operational scale through use of available mineralisation
- Boron minerals and chemicals production complements Orocobre's core lithium developments with synergies in potential future boron chemicals production from brines at Olaroz and elsewhere
- Aligns with Orocobre's salar focused industrial minerals development strategy & maintains Jujuy and Salta provinces as the region of activities
- Well-established regional operating presence & skills complements existing Orocobre management
- Demand growth for boron products remains strong, both regionally and globally despite a softer year (like many commodities) in 2012.



# Conclusion

- **Olaroz Project world-class partners and financing package now in place**
  - Mizuho - JOGMEC debt financing provides large, low cost funding package
  - Partnership with Toyota Tsusho provides equity and supply chain to key markets
  - JEMSE partner aligns interests and provides valuable community & political support
  - EPCM implementation with “Jujuy First” creates partnerships with local business and communities
- **Olaroz construction underway, on budget with commercial production in Q2 2014**
- **Olaroz provides basis for staged development & attractive growth profile**
  - First phase plans production taps only approximately 15% of current resource over 40 years
  - Significant expansion potential from Olaroz brines – lithium chemicals, potash and boron chemicals
  - Additional brine sources from adjacent Cauchari & Salinas Grandes brines that can be processed at an expanded Olaroz plant
- **Borax Argentina operation successfully being integrated**
  - Work underway on near-term and long-term upside
  - Regional operating history provides expertise for leveraging Orocobre resource base
- **Strong growth of >10% pa forecast in lithium market**



# Orocobre Limited

**CONSTRUCTING THE FIRST LARGE SCALE LITHIUM BRINE PROJECT  
IN TWENTY YEARS**

**Presentation**

**March 2013**





## APPENDIX 1 – CONSTRUCTION PHOTOGRAPHS

OROCO

## Olaroz Project – Good Access by Major Highway



## Olaroz Project – Construction of the Main Road across the Salar





## Olaroz Project – Aerial View of the Camp Pad Construction





## Olaroz Project – Liming Plant Surface Preparation



## Olaroz Project – Pad Preparation for Mine Offices and Warehouse



## Olaroz Project – Removal of Vegetation





## Olaroz Project – Removal of Vegetation





## Olaroz Project – Fencing the Compound





## APPENDIX 2 – BOARD AND MANAGEMENT

OROC

## Board of Directors

### **James Calaway — Chairman**

A successful Houston-based entrepreneur with extensive experience in energy and high tech sectors.

### **Richard Seville — Managing Director & CEO**

Mining geologist and geotechnical engineer with 30 years' experience in mining, particularly in development & operations.

### **John Gibson — Director**

Energy executive experience for over 25 years, Currently CEO of Tervita Corp and Director of Parker Drilling (NYSE). Formerly President of Halliburton Energy Services.

### **Federico Nicholson — Director**

Respected Argentina business leader with extensive experience in agro-industrial & business advocacy sectors. Formerly CEO of Ledesma, the largest employer in Jujuy.

### **Fernando Oris de Roa — Director**

Successful Argentina entrepreneur with international experience & keen understanding of public-private partnerships. Formerly CEO of San Miguel, the world's largest lemon product business.

### **Courtney Pratt — Director**

Previously CEO of a number of top Canadian industrial and mineral concerns, including Noranda Inc, Stelco and Toronto Hydro.

### **Robert Hubbard - Director**

Former partner at Pricewaterhouse Coopers and acted as head of the advisory and assurances practices of PwC Brisbane. Chairman of the Company's Audit Committee.

## Executive Management Team

### **Richard Seville – Managing Director & CEO**

Mining geologist and geotechnical engineer with 30 years experience in mining. Particularly in development and operations.

### **Jose de Castro — General Manager, Argentina**

Chemical engineer with nearly 20 years experience, including responsibility for commissioning FMC lithium plant in Argentina, operations in Chile and Argentina, and leading an EPCM company.

### **Neil Kaplan – Chief Financial Officer**

Chartered Accountant with over 20 years of experience in managerial and finance positions on four different continents with resource sector experience obtained at Glencore International and formerly TSX listed Coalcorp Mining in South America.

### **David Hall – Business Development Manager**

More than 20 years of business management, market development, marketing and logistics experience in domestic and international chemical and industrial minerals markets obtained predominantly at ICI and Orica.

### **Mark Smith — Finance & Administration**

Accountant with 30 years experience, including financial & management roles in mining industry.



## APPENDIX 3 – RESOURCE STATEMENTS

OROC



# Olaroz – Resource Estimate Summary

- Olaroz Project has very large resource base which has potential to support long project life
- Combined Measured and Indicated Resource of:
  - 6.4 million tonnes of lithium carbonate
  - 19.3 million tonnes of potash (potassium chloride)

Resource Category	Area	Thickness	Mean specific yield	Brine volume	Concentration			Tonnes of Contained Metal		
					Lithium	Potassium	Boron	Lithium	Potassium	Boron
	sq. kms	metres	%	cubic kms	mg/L	mg/L	mg/L	Million Tonnes	Million Tonnes	Million Tonnes
Measured Resource	93	54	8.4%	0.42	632	4930	927	0.27	2.08	0.39
Indicated Resource	93	143	10.0%	1.33	708	6030	1100	0.94	8.02	1.46
<b>Measured and Indicated Resource</b>	<b>93</b>	<b>197</b>	<b>9.6%</b>	<b>1.75</b>	<b>690</b>	<b>5730</b>	<b>1050</b>	<b>1.21</b>	<b>10.10</b>	<b>1.85</b>

The resource model and brine resource estimation on the Salar de Olaroz was undertaken by John Houston who is a Chartered Geologist and a Fellow of the Geological Society of London. John Houston has sufficient relevant experience to qualify as a competent person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a "Qualified Person" as defined by Canadian Securities Administrators' National Instrument 43-101.

The conversion rate used is 1 tonne of lithium metal produces 5.32 tonnes of lithium carbonate and 1 tonne of potassium produces 1.91 tonnes of muriate of potash

# Salinas Grandes Resource Estimate Summary

- An inferred resource has been estimated for the shallow brine body to approximately 13 m as 56.5 million cubic metres of brine at 795 mg/L lithium and 9,550 mg/L potassium which is equivalent to 239,200 tonnes of lithium carbonate and 1.03 million tonnes of potash (potassium chloride) based on 5.32 tonnes of lithium carbonate being equivalent to 1 tonne of lithium and 1.91 tonnes of potash being equivalent to one tonne of potassium as shown in the table.

	Brine body parameters				Average resource concentrations			Tonnes contained metal		
Resource Category	Area km <sup>2</sup>	Average thickness m	Mean specific yield %	Brine volume Million m <sup>3</sup>	Lithium mg/l	Potassium mg/l	Boron mg/l	Lithium	Potassium	Boron
Inferred resource	116.2	13.3	4.1%	56.5	795	9,547	283	44,960	539,850	12,100

- The resource estimate was prepared by Murray Brooker. Murray Brooker is a geologist and hydrogeologist and is a Member of the Australian Institute of Geoscientists. Murray has sufficient relevant experience to qualify as a competent person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a “Qualified Person” as defined by Canadian Securities Administrators’ National Instrument 43-101.

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# Salar de Cauchari Resource Estimate Summary

- An inferred resource has been estimated in two adjoining areas of the salar, with a total 230 million cubic metres of brine at 380 mg/L lithium and 3,700 mg/L potassium. This is equivalent to 470,000 tonnes of lithium carbonate and 1.6 million tonnes of potash (potassium chloride) based on 5.32 tonnes of lithium carbonate being equivalent to 1 tonne of lithium and 1.91 tonnes of potash being equivalent to one tonne of potassium.

Inferred Resource Area	Area km <sup>2</sup>	Average thickness m	Mean specific yield %	Brine volume Million m <sup>3</sup>	Li mg/l	K mg/l	Lithium	Potassium	Lithium carbonate	Potash
Northern	19.69	170	6.1%	204	400	3800	81,497	783,829	433,562	1,497,113
Southern	11.35	50	4.6%	26	260	2500	6,851	64,932	36,447	124,020
Combined	31.04			230	380	3700	88,348	848,761	470,009	1,621,134

- The resource estimate was prepared by Murray Brooker. Murray Brooker is a geologist and hydrogeologist and is a Member of the Australian Institute of Geoscientists. Murray has sufficient relevant experience to qualify as a competent person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a “Qualified Person” as defined by Canadian Securities Administrators’ National Instrument 43-101.

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# Competent Person's and Qualified Person's Statement & Technical Information

The resource estimate on the Olaroz Project described in this presentation was undertaken by John Houston who is a Chartered Geologist and a Fellow of the Geological Society of London. John Houston is a hydrogeologist and has sufficient relevant experience to qualify as a "Competent Person" as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a "Qualified Person" as defined by Canadian Securities Administrators' National Instrument 43-101("NI 43-101"). The Feasibility Study on the Olaroz project was prepared by Mr. Houston, Peter Ehren (Consulting Processing Engineer), Sinclair Knight Merz and the Orocobre technical group. Mr. Houston and Mr. Gunn prepared the technical report entitled "Technical Report – Salar de Olaroz Lithium-Potash Project, Argentina" dated May 30, 2011 (the "Olaroz Report") under NI 43-101 in respect of the Feasibility Study, and each of Messrs. Houston and Gunn was a Qualified Person under NI 43-101, and independent of the company, at the date such report was prepared. Additional information has since been prepared by Mr Peter Ehren who is a Member of the Australasian Institute of Mining and Metallurgy and a Charter Professional. Mr Ehren has sufficient relevant experience to qualify as a "Competent Person" as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a "Qualified Person" as defined in NI 43-101.

In addition, the information relating to the Olaroz Project has been reviewed by Mr Neil Stuart, who is a geologist and is a Fellow of Australasian Institute of Mining and Metallurgy and a Member of the Australian Institution of Geoscientists. Mr Stuart is a former Director of the Company and currently acts as a consultant to the Company. Mr Stuart has reviewed and approved the contents of this presentation relating to the Olaroz Project. Mr Stuart has sufficient relevant experience to qualify as a "Competent Person" as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a "Qualified Person" as defined in NI 43-101.

The technical information in this presentation relating to the Salinas Grandes and Cauchari Projects has been prepared by Murray Brooker. Mr. Brooker is a geologist and hydrogeologist and is a Member of the Australian Institute of Geoscientists. Mr. Brooker has sufficient relevant experience to qualify as a "Competent Person" as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He is also a "Qualified Person" as defined in NI 43-101. Mr. Brooker has reviewed and approved the contents of this presentation relating to the Salinas Grandes and Cauchari Projects.

Additional information relating to the Company's projects is available in the Olaroz Report; the "Technical Report – Salar de Cauchari Project, Argentina" dated April 30, 2010, which was prepared by John Houston, Consulting Hydrogeologist; and the "Technical Report on the Salinas Grandes Lithium Project" dated April 16, 2012, which was prepared by Mr. Brooker. These are available on SEDAR.com or the Company's website.