BYRON
CAPITAL MARKETS

2011 ELECTRIC METALS CONFERENCE
TUESDAY, APRIL 12, 2011

OROCOBRE LIMITED

Orocobre Limited

The next low cost lithium producer

Overview

- Low cost, near-term production of lithium carbonate and potash
- Projects located in renowned “lithium triangle” in Argentina
- Toyota Tsusho strategic partnership for Salar de Olaroz project
- DFS for Olaroz project is at final stages of completion



Strategy

Focus on salar hosted minerals

- Lithium
- Potash, Boron

Develop flagship Lithium-Potash Project: Salar de Olaroz

- World class upgraded resource recently announced
- DFS in final stages of completion
- Construction due to commence towards end of CY 2011

Develop second major Lithium-Potash Project: Salinas Grandes

- Drilling has re-commenced
- Targeting inferred resource towards the end of Q2 2011

Expand Production at Olaroz by processing additional brine from Cauchari

- High quality exploration target in properties abutting high grade portion of another company's resource
- Complimentary chemistry although higher in sulphate and boron.

Industry leading processes

- Industry leading drilling and DFS techniques leads to high level of confidence in results
- Strong focus on high quality operations: will not sacrifice quality for speed

Positively benefit the communities in which we operate

- Working with local communities for three years with programs aimed and increasing skills, capability and individual enterprise and micro-finance credit
- Significant numbers of local employees

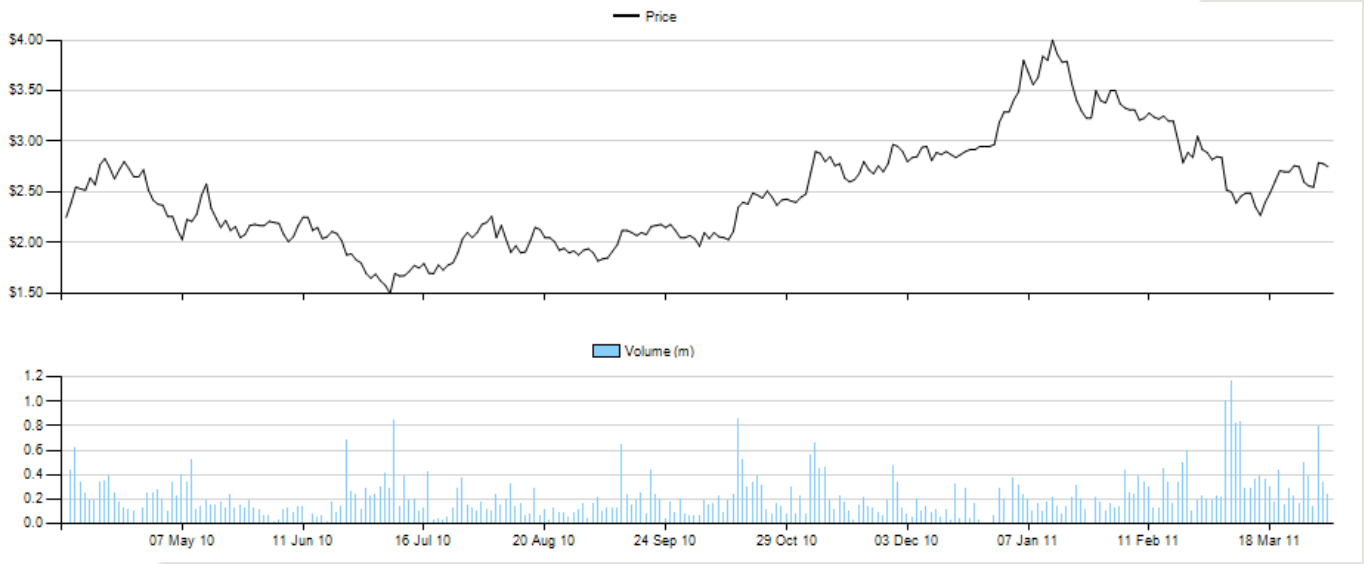
Corporate Snapshot

Current Capitalization (ASX: ORE, TSX:ORL)

Trading Range:	A$1.50 – A$4.05 (12 Months to 6 April 2011)
Shares O/S:	102.8 million
Options O/S:	1.3 million
Market Cap:	~A$277.6 million
Cash:	~A$40 million

ASX – 12 Month Price/Volume Graph to 6 April 2011

* As at 6 April 2011



Commodities overview

Lithium

- Lithium used in a wide variety on applications with demand growing at 5.5% CAGR since 2000
- Demand growth is expected to increase (electric cars, solar panels etc) leading to potential shortfall in supply
- Firming prices since 2000 for lithium chemicals ->US$6,000/t for 99.5% purity lithium carbonate pre-GFC

Potash

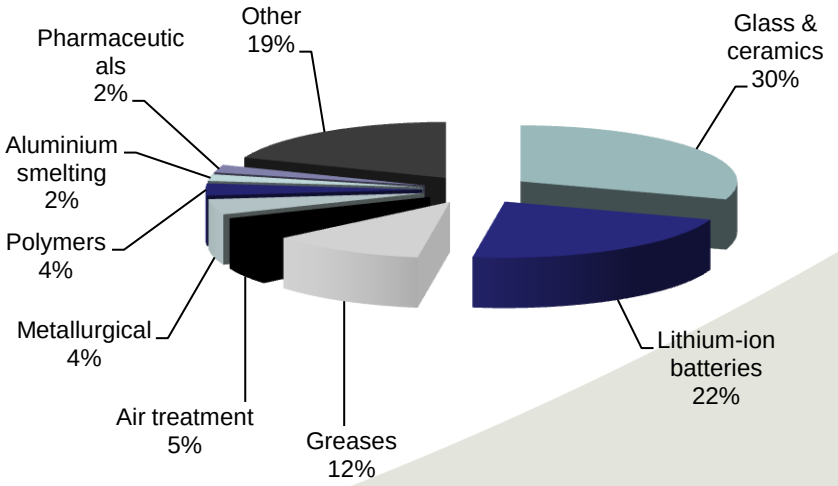
- Potash is a fertiliser with strong demand growth - agri production, biofuels etc.
- Inelastic supply response
- Strong prices over recent years



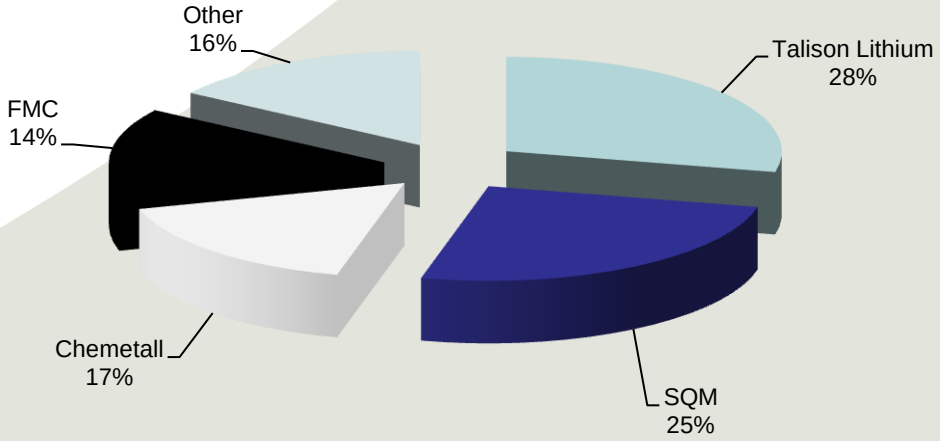
Lithium Market Dynamics – Don't forget supply

- Lithium demand fundamentals are relatively well understood with demand forecast to rise strongly to between 300,000 tpa and 500,000tpa by 2025 (Chemetal, Jan 2011)
- Driven by growth in lithium batteries demand for consumer products, electrification of transport and electrical storage
- The supply side of the story is less understood, Orocobre believes:
  - Supply response from spodumene producers is only relevant to China demand
  - Japanese and Korean consumers will look to brine suppliers for new supply
  - Some market forecasters are overestimating the brine supply response as existing producers only more limited and slower expansion capacity and brine grades are reducing as the (capped) expansion occurs

Current Lithium Demand by Industry



Current Lithium Supply by Company

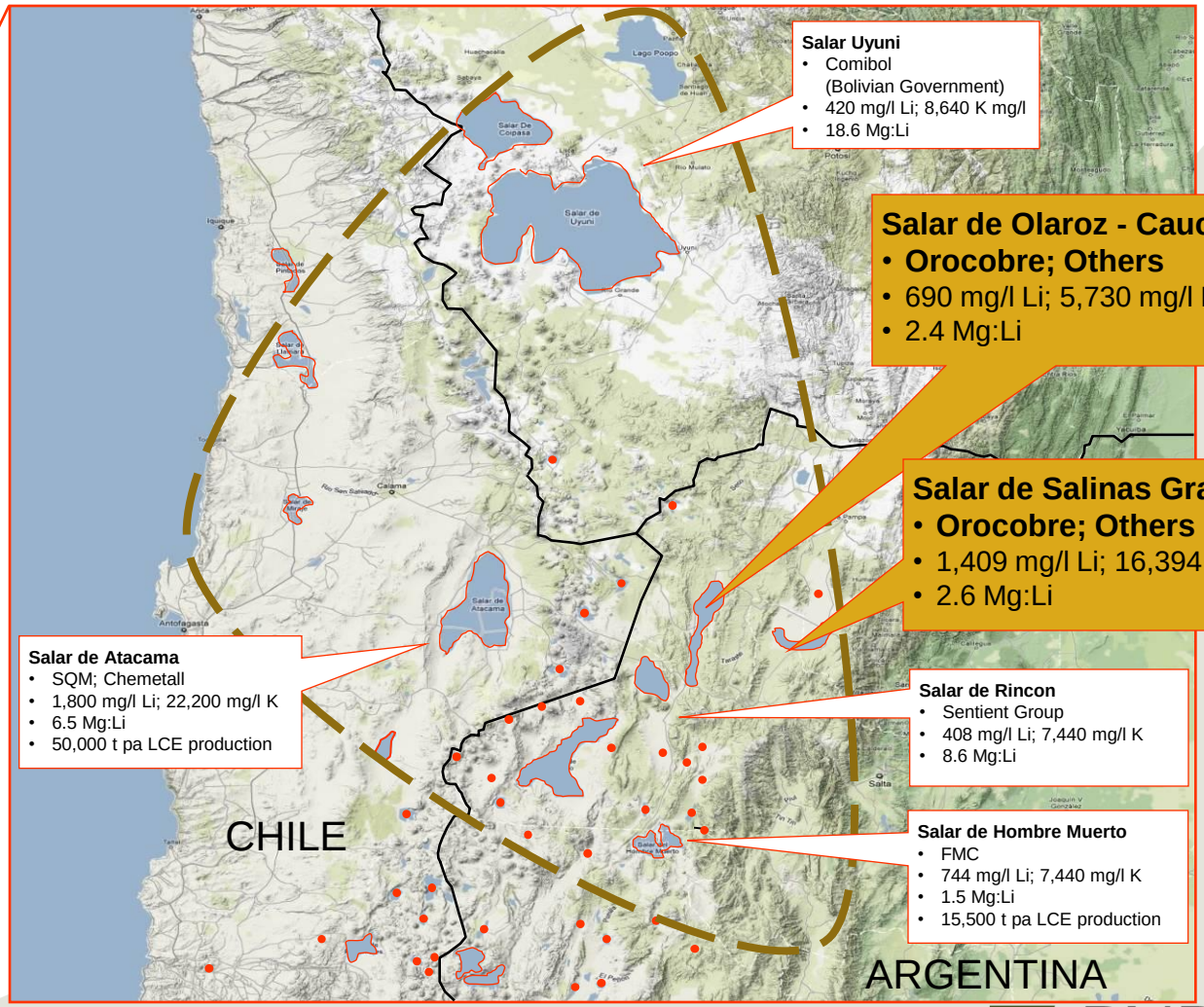


Source: Roskill Information Services Ltd. 2010 estimates

The “Lithium Triangle”

Orocobre has 300,000 hectares located in the ‘sweet spot’ of Argentina’s Lithium-Potash Triangle





Sources: Company presentations, Roskill and independent consultants (to Orocobre) estimates
Note: stated resources are not NI 43-101 compliant
● *Represents smaller brines*

Partners

- Toyota Tsusho and Orocobre entered into a JV in January 2010
- Toyota Tsusho can earn-in a 25% JV equity interest in Olaroz, by:
  - Providing of US$4.5m of funding for the DFS
  - Purchasing the 25% interest based on the NPV from the DFS
  - Securing a low-interest debt facility guaranteed by JOGMEC (Japanese Government) for at least 60% of project capex
- It is business as usual with Toyota Tsusho post earthquake/ tsunami in Japan
- Orocobre continues to receive enquires from potential partners regarding its other projects (Salinas Grandes and Cauchari) and will continue to explore these opportunities



Projects overview

Salar de Olaroz

- Flagship Lithium – Potash project
- EIS approval received, secondary approval process underway
- Resource upgrade announced
- DFS due early 2Q 2011
- Located in Jujuy Province

Salinas Grandes / Canjrililo

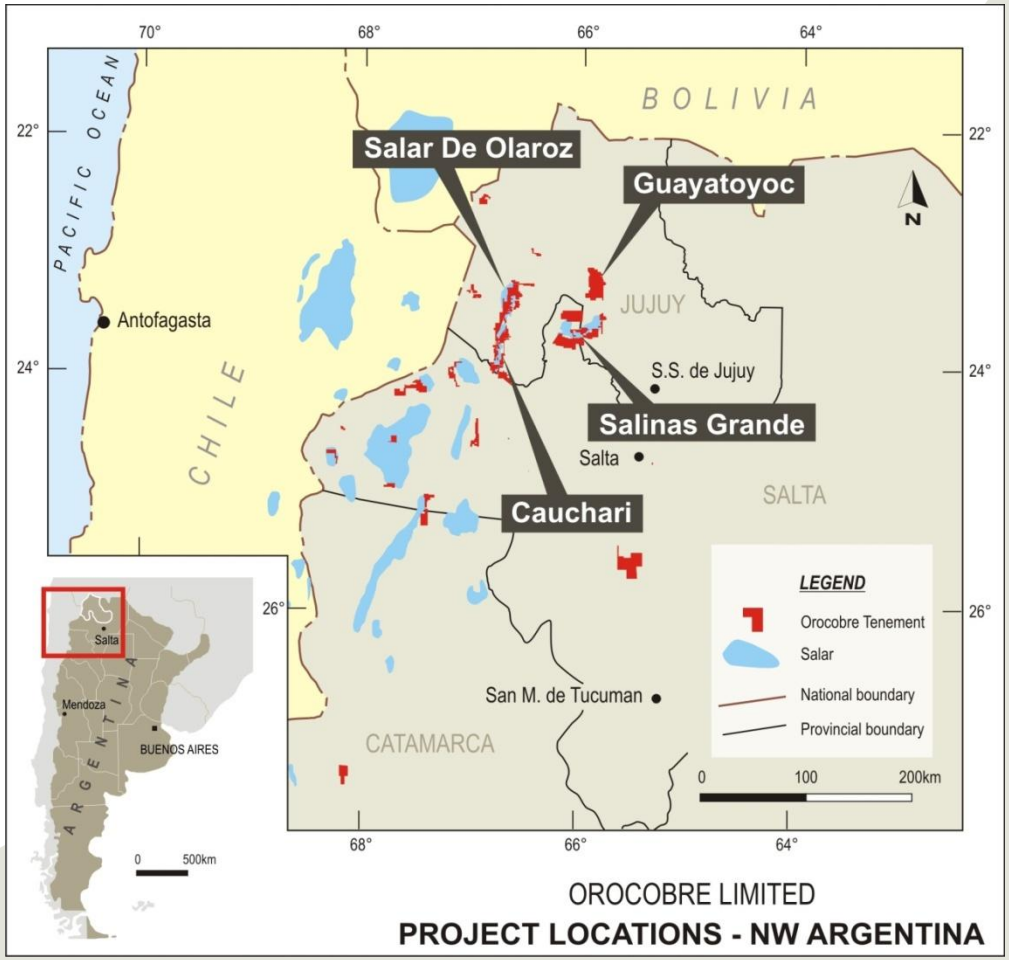
- Second major discovery
- Lithium-Potash
- Resource estimate expected around end of 1Q CY11
- Located in Salta Province

Cauchari

- 30,000 ha lithium-potash property immediately south of Olaroz
- Key properties abut the high grade part of another company's resource
- Located in Jujuy

Guayatoyoc

- Potassium discovery



Salar de Olaroz – flagship project

Significant high grade resource

- Lithium resources of 6.4 million tonnes of LCE
- Potassium resource of 19.3 million tonnes of potash
- High lithium concentrate of 690 mg/L
- Magnesium: lithium ratio of 2.4

Attractive logistics and infrastructure:

- Sealed road to port of Antofagasta, Chile (500 km)
- Railway to Antofagasta and to inland Argentina 70km to the south
- Gas pipeline 15 km to the north of salar
- Good communications
- Local workforce and support from San Salvador de Jujuy and Salta City

A number of major project milestones already achieved

- Lithium carbonate production commenced
- Significant resource upgrade announced on 1 April 2011
- Agreement with Toyota Tsusho announced (Feb 2010)
- EIS approval received in December 2010
- Secondary approvals process underway
- DFS in final stages of completion – due early 2Q 2011

On path for construction by year end

- DFS to be delivered in early Q2 2011
- Jujuy government approvals
- Construction expected to commence in late 2011



Salinas Grandes (Cangrejillo) Project

Strong landholding located in renowned "Lithium Triangle"

- 85% interest via South American Salars, a JV with local interests
- Orocobre holds largest land position including +13,500 hectares in the salar nucleus
- Salta Province

Possibly one of the lowest operating cost brines in the world

- Extensive pit sampling has yielded very high lithium grades with very attractive chemistry
  - >2,000 mg/l Li over approx 60 km^2 of nucleus reaching a maximum of 3117 mg/l. (western end)
  - >20,000 mg/l K over an area of approx 40 km^2, and boron values >500 mg l^{-1} occur over more than 50 km^2.
  - 2.6 Mg:Li ratio, low sulphate
- If the above-noted metrics prove out could become one of the lowest operating cost brines in the world

Synergies with flagship Olaroz Project

- Salinas Grandes is 70 km south-east of Olaroz and has potential to be partly integrated into the Olaroz Project
- Good access to key infrastructure including port, rail and road

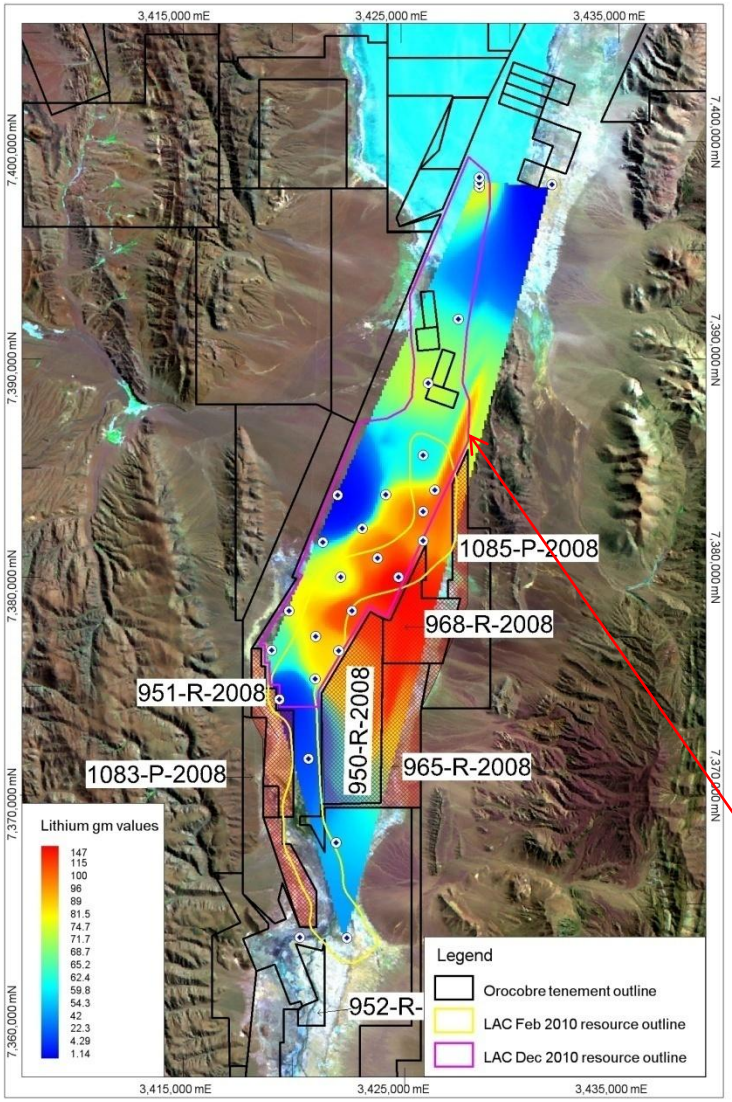
Actively progressing towards resource estimate Q2 2011

- Camp and access roads established
- Test evaporation ponds constructed
- Drilling current using conventional coring techniques with casing advance to allow isolated brine sampling.



Drill rig at Salinas Grandes, Salta Province

Salar de Cauchari



Highly promising project located immediately south east of Orocobre's flagship Olaroz project

- Over 30,000 hectares of properties immediately south of Salar de Olaroz held by 85% South America Salars
- Li/K grades lower than Olaroz

Significant potential for synergies with Olaroz

- Potential for brines to be pumped to future Olaroz processing facilities
- Similar chemistry but with higher sulphate
- Should be amendable for treatment concurrently with Olaroz brine

Comprehensive drilling project planned

- Richest part of resource interpreted to extend south-east onto Orocobre properties

Purple boundary – LAC resource 11/10
Yellow Boundary LAC resource area 3/10

Doing business in Argentina

- Provincial and national governments recognise the importance of lithium to the economic and social development of the region
- Orocobre enjoys a strong working relationship with national and provincial governments and local communities – this resulted in speedy EIS approval
- Overarching national mining code (Argentinian national mining code) sets out legal framework for mining in Argentina and prevails over provincial regulation

Approvals Status of Orocobre's Projects			
	Olaroz	Salinas Grandes	Cauchari
Exploration EIS submitted	x	x	x
Exploration EIS approved	x	x	
Exploitation EIS submitted	x		
Exploitation EIS approved	x		
Secondary approval process underway*	x	Not required	
Secondary approval received		Not required	

* Approvals process in Jujuy Province was updated in March 2011 when Jujuy Provincial Government introduced a new unanticipated decree to include a secondary approvals process

Definitive Feasibility Study (Olaroz)





DFS is in final stages of completion

- Resource upgrade already delivered on 1 April 2011
- DFS expected to be delivered in coming weeks

Highest quality people and processes used

- Very advanced drilling techniques, including developing new techniques for recovering test work
- Sinclair Knight Merz (SKM) engineers for DFS – direct experience in lithium brine operations and lithium carbonate plants in Argentina

High quality data = high level of confidence in resource estimate

- SKM were engineers for FMC's Hombre Muerto operation in Argentina and have done work for Chemetal in Chile
- Very confident in the measured and indicated resource upgrade announced on 1 April 2011

Production of lithium carbonate already commenced

- Currently optimising process for production of material

Next steps

Salar de Olaroz	
Q2 2011	Completion of Definitive Feasibility Study
Q2-Q3 2011	Finalization of Toyota Tsusho JV agreement and Toyota Tsusho / JOGMEC financing and project development
Q2 – Q3 2011	Secondary Jujuy Province approvals
Late 2011	Construction commencement
Salinas Grandes/ Cangrejillo	
Q2	Drilling recommences
Q2 2011	Initial resource estimate
Cauchari	
Q2-Q3 2011	First drilling program (subject to Jujuy Provincial approvals)

Summary





- Low-cost, near-term production potential at Olaroz
- Olaroz DFS in final stages of completion
- Toyota Tsusho strategic partnership
- Pilot plant production of lithium carbonate already achieved
- Significant pipeline of projects including Salinas Grandes
- Exposure to potash