



Lithium
For A Green Future



Corporate Structure

Shares Issued:	93,824,635
Fully Diluted:	118,077,604
Cash:	~\$4,000,000
Debt:	nil
Trading Range:	\$0.14 - \$0.74
Held by Insiders:	~25%
Held by Shanshan: (Strategic Investor)	~7%

Lithium Assets

- Diablillos, Salta, Argentina
- Clayton Valley, NV, USA

Contact Information

65 Queen Street West
Suite 815, P.O. Box 71
Toronto, Ontario, Canada
M5H 2M5

info@rodinialithium.com

www.rodinialithium.com

Investor Relations:
Investor Cubed Inc.
Tel: +1 (647) 258-3311
TF: +1 (888) 258-3323



Rodinia Lithium Inc.

Rodinia Lithium is a Canadian mineral exploration and development company with a primary focus on **lithium** in North and South America. The Company is also actively exploring the commercialization of a significant **potash** co-product that is recoverable through the lithium harvesting process.

Rodinia expects to develop both its **Salar de Diablillos** and **Clayton Valley** lithium-brine projects into **two of the world's largest strategic, scalable and reliable sources of battery grade lithium carbonate**.

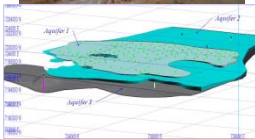
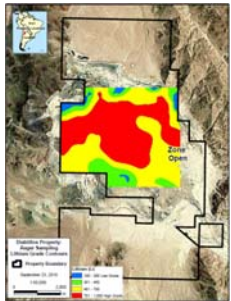
Company Highlights

- Strategic focus on **lithium brine** production in **mining friendly jurisdictions**
 - ✓ **Superior economics** & timeline to production
- **Lead project** in Salta Argentina – **Salar de Diablillos**
 - ✓ **2.8Mt inferred NI 43-101 recoverable lithium carbonate resource (11.2Mt potash)**
 - ✓ **65% LCE recovery from saturated brine**
 - ✓ **Ability to use conventional evaporation process**
 - ✓ Own Salar outright (**fast track to production**)
- **Robust Exploration Upside** through portfolio of other assets
 - ✓ **Differentiating project** in Nevada, USA – **Clayton Valley** – **only known** lithium brine source in North America
- **Positive Preliminary Economic Assessment** for Diablillos
 - ✓ **NPV₈ of up to US\$964 million and IRR of 36%**
 - ✓ **A leader in estimated start-up capital costs**
- **Strategic Investment** from **Shanshan** – **China's largest lithium-ion battery materials provider**
- Compelling long-term lithium and potash market fundamentals supported by meaningful investments made by the U.S. government, automakers, and Shanshan
 - ✓ **Increase in Price and increase in Demand**
 - ✓ **Scarcity of Supply concerns from end-users**

January 2012



Salar de Diablillos, Salta, Argentina



- **Control** the Salar nucleus and ~96% of the entire Salar (>6,000 ha)
 - ✓ **No sharing** issues
 - ✓ **No competitors** on the Salar
- **Strategic Location**
 - ✓ **11 kms** from **FMC's** Salar del Hombre Muerto
 - ✓ **Rio Tinto Minerals** has producing borate business on the Salar
- **Active RC and Diamond drill program**
- Encountering **high-grade, artesian** conditions in several holes
 - ✓ Grades as high as **1,000 mg/L lithium** and **1% potassium**
- **Evaporation testing and processing** being completed in conjunction with **Shanshan and Qinghai Institute of Salt Lakes**
- NI 43-101 inferred brine resource:
 - ✓ **2.8Mt lithium carbonate**
 - ✓ **11.2Mt potash**

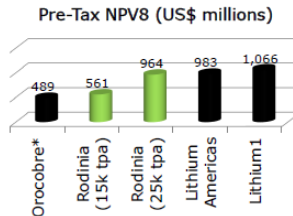
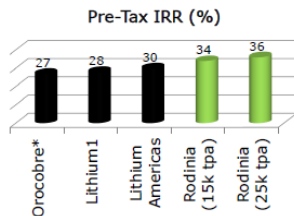
Management

- William Randall**
President and CEO
- Aaron Wolfe**
VP Corporate Development
- Ryan Ptolemy**
Chief Financial Officer
- Jennifer Wagner**
Corporate Secretary
- Raymond Spanjers**
Manager Exploration
- Bob Cinq-Mars**
Processing Consultant

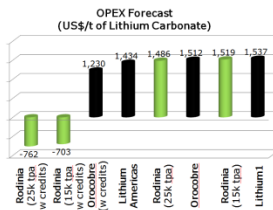
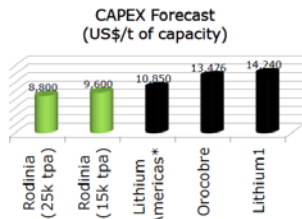
Board of Directors

- Farhad Abasov**
Executive Chairman
- Daniel Bruno**
- Mark Eaton**
- William Randall**
- Xizhong Shi**
- David Stein**

Preliminary Economic Assessment Highlights



* Orocobre data from Feasibility Study; after-tax using a 7.5% discount rate



Milestones / Objectives

Salar de Diablillos

- Additional drilling – exploration & definition (with results)
- Initial production wells
- Pilot plant construction, including ponds
- Pilot plant operation
- **Feasibility Study**

Clayton Valley

- Receive **drilling permits**
- Recommence drilling
- **Targeting first ever NI 43-101** brine resource estimate for North America

Comparables Table – Significant Valuation Gap

Company	Market Cap (C\$M) ¹		EV (C\$M)	NI 43-101 Resource		NPV ₈		EV / NPV ₈	
	Cap (C\$M)	EV (C\$M)		Type	Mt LCE	(C\$M)	EV / Mt LCE	EV / NPV ₈	
Orocobre ²	\$ 179	\$ 134		Brine	6.40	489	\$ 21	27.4%	
Lithium Americas	\$ 100	\$ 77		Brine	8.01	983	\$ 10	7.9%	
Lithium One	\$ 53	\$ 52		Brine	5.44	1,066	\$ 10	4.9%	
Western Lithium	\$ 31	\$ 17		Clay	1.30	714	\$ 13	2.4%	
Average							\$ 13	10.6%	
Average (ex high & low)							\$ 11	6.4%	
Rodinia Lithium (recov/15ktpa)	\$ 19	\$ 15		Brine	2.80	561	\$ 5	2.7%	
Rodinia Lithium (in-situ/25ktpa)					4.96	964	\$ 3	1.6%	

Source: Company reports
1. As at close of market trading on January 13, 2011
2. AS1.00 = C\$1.04688

50-75% discount