



Lithium One (TSX-V: LI) focused on near-term production of high quality, low cost lithium and potash.

- Two major resources funded by end-user partners through feasibility in 2012
- One of highest value, lowest cost net lithium development projects
- **Sal de Vida Lithium - Potash Brine Project**
 - PEA: US \$1.066 Billion NPV_{8%}, IRR of 28%
 - Resource Upgrade Q1 2012; Feasibility Decision by Q3 2012
 - Lithium off-take and project completion guarantee by strategic partners
- **James Bay Hard-rock Lithium Project**
 - Feasibility to be completed by early 2013 - \$3 M committed by partners

Sal de Vida Lithium - Potash Brine Project

Salar del Hombre Muerto, Argentina

HIGH VALUE, LOW COST LITHIUM and KCL PRODUCER

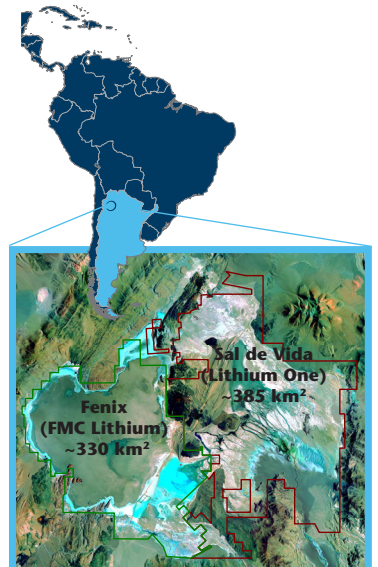
- 25,000 tpa Li₂CO₃ and 107,000 tpa KCl
- Capital Investment: \$356 million
- Operating Expenses: \$1,537/t Li₂CO₃ and \$184/t KCl
- Value: US\$1.066 Billion NPV_{8%} and 28% IRR (pre-tax)
- Annual Cash Flow: US \$139 million (initial 20 years)
- Rapid Payback and Long Life: (<4 years and 40+ year life)
- 5,440,000 tonnes Li₂CO₃ and 21,300,000 tonnes Potash (KCl), equivalent
- **ROBUST ECONOMICS:**

Discount Rate	Pre-Tax NPV US Millions	After-tax NPV US Millions	IRR (pre-tax)	IRR (After-tax)
6%	\$1,532	\$1,207	28%	24.6%
8%	\$1,066	\$811	28%	24.6%
10%	\$758	\$556	28%	24.6%

- **Annual Revenue:** >US \$200 million: 70% from lithium carbonate, 30% from potash
- **Potash production:** Revenue from potash projected to exceed total operating expenses
- **Opportunities to further improve economics**

This PEA is based on a NI-43-101 compliant inferred mineral resource. Inferred resources are considered too speculative geologically to enable them to be categorized as mineral reserves and there is no certainty the results predicted by the PEA will be realized.

PEA Completed by ARA - Worley Parsons; Roger Kelley QP



Salar del Hombre Muerto

2012 Project Development Milestones:

- Resource Upgrade/Expansion expected early Q1 2012
- Long-term Pumping Tests
- Process Refinement
- Feasibility Decision - Q3 2012



- Earning a 30% project interest by funding feasibility up to US\$15M
- Committed to off-take of 30% to 50% of lithium products
- Will secure project debt facility, including Lithium One's share

LARGE HIGH GRADE BULK TONNAGE DEPOSIT

NI 43-101 RESOURCE ESTIMATE Nov. 2010

Resource Category	Quantity (tonnes)	Grade (% Li ₂ O)
Indicated	11,750,000	1.30
Inferred	10,470,000	1.20

(SRK Consulting Inc. Cut-off grade 0.75% Li₂O)

- **Near-surface resource:** Open pitable with cutoff grade of 0.75% Li₂O
- **Successful metallurgical testing:** >80% flotation recovery and produced first lithium carbonate from bulk sample
- **Excellent jurisdiction:** In Quebec, one of the best mining jurisdictions in the world for business
- **Excellent Infrastructure:** Low-cost power and consumables



Aerial view of Pegmatite outcrop over 2km in length



- Galaxy Resources (ASX: GXY) is acquiring up to 70% equity for cash payments and investments of at least \$6 million and delivery of a Feasibility Study by end of 2012
- Galaxy operates the Mt. Cattlin mine, Australia. Similar geology and physical characteristics to James Bay support fast time to feasibility
- Feasibility study commenced Sept. 2011. Consultants engaged and bulk sample program initiated.

Management and Board

A board seasoned in capital markets; Management with strong mining credentials and superior technical backgrounds

Chairman	Martin Rowley	Extraordinary leader, financier and mine developer. Co-founder of First Quantum Minerals Ltd., who recently acquired Antares Minerals for \$460M
CEO, Director	Paul Matysek, M.Sc.	Former CEO of Potash One Inc; engineered \$450M takeover by K+S. Founder of Energy Metals and Lithium One Inc. +\$250M in financings, \$1.8B sale of U company
President, COO Director	Patrick Highsmith, M.Sc.	Geochemist with 20-year technical and business development track record with Rio Tinto, BHP and Newmont.
Director	Maurice Colson, MBA	Former managing director in the U.K. for a major Canadian investment dealer. Provides strategic counsel to emerging private and public companies.
Director	Darren Pylot	Founder, Vice-Chairman, & CEO of Capstone Mining Corp. - operator of two mines in Mexico and Yukon, Canada +\$200M in financings.
Director	Jeff Pontius, M.Sc.	Former CEO of International Tower Hill Mines. Advancing new Livengood gold discovery to feasibility.
VP Development	Iain Scarr, B.Sc., MBA	30 year industrial minerals experience. Former Rio Tinto VP of industrial mineral exploration.

Corporate Information (Jan. 5th, 2012)

TSX-V: LI	
Shares i/o	60.8 Million
Fully diluted:	69.9 Million
Recent close	\$0.90
52 week high-low:	\$1.85 - \$0.73
Cash:	\$2.5 Million

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Disclaimer

Statements made in this brochure that relate to future plans, expectations, events or performances are forward looking statements. Such statements involve risks and uncertainties and are based on current expectations. Consequently, actual results could differ materially from the expectations expressed in these forward-looking statements. The technical information in this brochure has been reviewed and approved by the Company's qualified person, A. James McCann (M.Sc., P.Geo)