



TSX-V: LI

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NEWS RELEASE

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Lithium One Appoints Iain Scarr VICE PRESIDENT- DEVELOPMENT

Lithium One Inc (the "Company") (TSX-V: LI), is pleased to report the appointment of Iain Scarr as Vice President - Development. Mr. Scarr brings extensive experience in industrial minerals exploration and development garnered from a thirty year career with Rio Tinto and its subsidiaries. Until February 2009, Mr. Scarr was Rio Tinto Exploration's Commercial Director for Industrial Minerals Exploration. In that position he played key leadership roles in marketing, commercial, and strategic assessments of worldwide industrial minerals projects, including Rio Tinto's much-publicized Jadar Lithium Project in Serbia. Previously, as Vice President of Exploration for Rio Tinto America Industrial Minerals Inc, Mr. Scarr led diverse exploration teams across the Americas, Australia, and Africa. During his tenure at Rio Tinto Minerals and forerunner subsidiary US Borax, he is credited with leading several industrial mineral discoveries and acquisitions. He has also worked extensively in Argentina, including at Rio Tinto's Tincalayu Borates Mine at Salar del Hombre Muerto, just northwest of the Company's Sal de Vida Project.

Mr. Scarr will assume immediate oversight of the exploration and development programs at both the Sal de Vida and James Bay lithium projects. The Company is advancing both projects towards a resource stage.

Lithium One President and CEO, Patrick Highsmith, welcomes Iain, *"It is a genuine pleasure to watch Iain work – he is a true results-oriented team-builder. The opportunity to join forces with a leader like Iain Scarr does not come along often. He possesses the rigor and strength in execution that development stage companies like Lithium One truly value. Not only does he understand the geology of lithium resources, but he has a nearly unique insight into the commercial aspects of the business after his career with Rio Tinto."*

About Lithium One:

Lithium One Inc is a well-financed explorer and developer of mineral properties with a specific focus on lithium. The Company now has two major lithium projects: the Sal de Vida lithium brine project in Argentina and the James Bay bulk tonnage spodumene project in Quebec. Lithium One believes that lithium demand will grow as its value and efficacy in "green energy" applications is fully realized. The Company's strategy is to build a portfolio of high quality lithium assets.

ON BEHALF OF THE BOARD OF DIRECTORS,

Patrick Highsmith, M.Sc.
President and Chief Executive Officer

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