

STANDARD LITHIUM APPOINTS ROBERT MINTAK

March 21, 2017 – Vancouver, BC – Standard Lithium Ltd. ("Standard Lithium" or the "Company") (TSXV: SLL) (FRA: S5L) is pleased to announce the appointment of Mr. Robert Mintak as a Director and interim Chief Executive Officer of the Company. Mr. Mintak will take up his appointment effective immediately and will be replacing Mr. Gavin Cooper who has resigned as interim CEO.

Mr. Mintak was one of the founders of Pure Energy Minerals, served as the company's CEO from 2013 to 2016 and most recently as Executive Chairman. He has a global network of industry contacts and is a pioneer in the rapidly evolving lithium space. During his tenure with Pure Energy Minerals, Robert built a world-class team, launched multiple exploration and development programs, and oversaw the development of disruptive extraction process work. Robert was instrumental in negotiating one of the first conditional supply agreements for Tesla's Gigafactory and under Mr. Mintak's leadership, Pure Energy Minerals was recognized as the top mining company in the 2016 TSX Venture 50. Mr. Mintak has 20+ years' experience in corporate management, with a specific emphasis on strategic development and corporate governance. Over the past 10 years, he has served as a senior officer and director of several publicly traded companies.

"I am very honoured and excited to join Standard Lithium and share their corporate vision. I believe Standard's Bristol Lake Project in the Mojave area of California, combined with their extensive land position in the highly prospective Paradox Basin in Utah, has the potential to positively disrupt the domestic lithium landscape" said Mr. Mintak. "My ambition is to focus on innovation, lead the teams, and form strategic alliances to create value for the Company."

Mr. Anthony Alvaro, founder and Director of Standard Lithium commented: 'We are extremely pleased to welcome Robert as a member of the Board of Directors and CEO. His experience and strategic insights into the lithium market make him a valuable and perfect fit for Standard Lithium. He will focus on developing and pursuing new strategic growth opportunities with a mandate to aggressively strengthen the Company's executive team and asset base. On behalf of the Board, I would also like to thank Gavin for his dedication and hard work over the last year."

About Standard Lithium

Standard's value creation strategy encompasses acquiring a diverse and highly prospective portfolio of largescale domestic brine resources, led by an innovation & results oriented management team with a strong focus on technical skills. The Company is currently focused on the immediate exploration and development of its 4,000+ acre Bristol Lake, Brine Project located in the Mojave region of San Bernardino County, California. The location has significant infrastructure in-place, with easy road and rail access, abundant electricity and water sources, and with two major players in the brine salt sector offering decades of

operational expertise on contiguous claims. Standard also recently announced the acquisition of the 40,000+ acre Paradox Basin Project located in Grand County, Utah.

For further information, contact Anthony Alvaro at 604.763.5388.

On behalf of the Board,

Standard Lithium Ltd.

Anthony Alvaro, Director

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