August 8, 2017

Standard Lithium Announces Positive Results of Geophysical Survey at Bristol Lake, Mojave Project, California

VANCOUVER, British Columbia, Aug. 08, 2017 (GLOBE NEWSWIRE) -- **Standard Lithium Ltd**. (“Standard Lithium” or the “Company”) (TSXV:SLL) (FRA:S5L) (OTCQX:STLHF) is pleased to announce positive results from the completed Controlled-Source Audio-Magnetotellurics / Magnetotellurics (CSAMT/MT) geophysical survey at the Company’s Bristol Lake Project, in the Mojave area of California. The report produced by Hasbrouck Geophysics Inc. provided the following highlights:

- Extensive low resistivity values across almost all of Standard Lithium’s 16,000+ acre claim package, suggesting that lithium brines are present beneath almost all of Standard’s claims;
- Thick sequences of extremely low resistivity values (less than 1 ohm-metre), likely correlating with high concentration brines; and,
- An increase in conductivity to the south and east, suggesting that brines extend fully across Standard Lithium’s claim package in parts of the basin which are currently not used for brine harvesting activities.

Jim Hasbrouck, President of Hasbrouck Geophysics commented *"Resistivity values less than one ohm-metre are present throughout the Bristol Lake Project area with portions of the area having resistivities that approach an extremely low value of 0.2 ohm-metres. These resistivities are the lowest that I have measured in the US for lithium-brine exploration and are similar to those seen in the lithium triangle of Chile, Argentina and Bolivia."*

The data from this successful CSAMT/MT survey are now being combined with the results from the recent gravity geophysical survey to determine suitable locations for exploratory drilling, and Standard Lithium is in the process of retaining drilling contractors to allow for rigs to mobilise before the end of Q3.

Quality Assurance

Raymond Spanjers, Certified Professional Geologist (SME No. 3041730), is a qualified person as defined by NI 43-101, and has supervised the preparation of the scientific and technical information that forms the basis for this news release. Mr. Spanjers is not independent of the Company as he is an officer in his role as Vice President, Exploration and Development.

About Standard Lithium

Standard’s value creation strategy encompasses acquiring a diverse and highly prospective portfolio of large-scale 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 16,000+ 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 is already permitted for extensive brine extraction and processing activities.

For further information, contact Anthony Alvaro at 604.260.4793.

On behalf of the Board,

Standard Lithium Ltd.

Robert Mintak, CEO & Director

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