

June 29, 2017



Standard Lithium Commences CSAMT/MT Geophysical Survey at Bristol Lake, Mojave Project, California

VANCOUVER, British Columbia, June 29, 2017 (GLOBE NEWSWIRE) -- **Standard Lithium Ltd.** ("Standard Lithium" or the "Company") (TSXV:SLL) (FRA:S5L) (OTCQX:STLHF) is pleased to announce that it has commenced a detailed and large-scale Controlled-Source Audio-Magnetotellurics / Magnetotellurics (CSAMT/MT) geophysical survey at the Company's Bristol Lake Project, in the Mojave area of California. The survey is being conducted in order to help better define the extent of highly conductive brine resources in the deep infilled basin that underlies SLL's Project area (brine-bearing basin is up to 1.2 km thick beneath the Project area, as revealed by recent gravity survey work; see news release dated 5th June). The survey is being completed on Standard's extensive 16,000+ acre landholding in the Bristol Lake basin, and will also be extended onto adjacent brine-producing properties in the basin, thanks to the kind cooperation of our neighbours.

Standard Lithium has retained Hasbrouck Geophysics to perform data acquisition and interpretation. Hasbrouck are ideally suited to performing the work as they have extensive experience conducting geophysical surveys in many brine-bearing basins across the southwestern US. Hasbrouck and their team have mobilised to site and expect that data acquisition should take approximately 2 weeks to complete given the detailed nature of the survey and the large size of the resource area, and that initial interpretation should be available for Standard's technical team to assess in the second half of July. Results from the CSAMT/MT survey will also be used to help scope and determine locations for the next phases of Standard's resource assessment program for the Bristol Lake Project.

Dr. Andy Robinson, COO and President of Standard Lithium, commented: *"We're delighted to be partnering with Hasbrouck Geophysics as they bring their breadth of exploration geophysical knowledge to bear on our Bristol Lake Project. Our team has completed several previous surveys with Hasbrouck and we look forward to seeing their interpretation of the lateral and vertical extent of the brine deposits that are present beneath our Project area. Results from this phase of work will be very helpful in determining final locations for a proposed drilling programme that will take place in the second half of 2017."*

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. Standard also recently announced the acquisition of the 41,000+ 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.

Robert Mintak, CEO & Director

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Source: Standard Lithium Ltd.