

**ASX RELEASE**

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**EVAPORATION TEST RESULTS  
MARICUNGA LITHIUM BRINE PROJECT**

- **Field evaporation testing commenced in October 2016**
- **Brine increased in concentration 5 times from 1,260 mg/l lithium to over 6,300 mg/l lithium by the end of December 2016, with the lithium concentration continuing to increase**
- **Potassium chloride is precipitating in the evaporation ponds as the brine concentrates. Potassium Chloride is a beneficial by-product of lithium production.**

Lithium Power International Limited (ASX: LPI) ("LPI" or "the Company") is pleased to provide an update on the progress of the field evaporation testing being carried out at the Maricunga lithium brine project in northern Chile.

**Evaporation test work**

Lithium Power has installed a series of evaporation ponds at the Maricunga project, with brine from pump well P1 (1,260 mg/l lithium) being used for the evaporation testing. The testing measures the brine evaporation under the full range of climatic conditions experienced at the project site. Over the three months to the end of 2016 the brine concentration increased 5 times, with precipitation of halite (NaCl) and silvite (KCl) in the ponds. This is very positive for the process development. Evaporation testing is ongoing, in conjunction with process evaluation and discussions with engineering providers as the company progresses towards the project pre-feasibility study completion in late 2017.

**Maricunga JV Background**

The Maricunga JV is 50%-owned by LPI. The project is regarded by LPI management as one of the highest quality undeveloped pre-production lithium brine project globally, with a very high grade and strong flow rates. The recently completed drilling & pump testing program is leading to a new JORC compliant resource estimate in 1H17, with the project progressing to a feasibility study later in 2017.



**Figure 1:** One of the Maricunga evaporation test ponds - with the camp in the background

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