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LPI to proceed with a staged development of its Maricunga Lithium Project in Chile

Lithium Power International Limited (ASX: LPI) (LPI or the Company) is providing a significant update on its advanced and majority owned Maricunga Lithium Brine Project in Chile. The Maricunga project, the highest-grade, undeveloped lithium project in Chile, is managed by Minera Salar Blanco (MSB), which is owned by LPI (51%), Borda Group (31%) and Bearing Lithium (18%).

In addition, the Company provides an update on the recommencement of its exploration program in Q1 2021 on its Greenbushes, Western Australia, tenement.

Maricunga Project Update

In line with its commitment to generate value for its shareholders the Company has decided to advance the low cost Maricunga Lithium Brine Project in a number of stages by fast-tracking a first stage development. This development strategy will be undertaken as the company also continues to pursue the original and larger project.

The initial development stage will be based on the properties known as 'Old Code' concessions. These licences are grandfathered from the current lithium legislation and do not require any further significant permitting for lithium production.

The decision to advance this development plan is based partly on the positive global outlook for the lithium industry, and the Maricunga project's exceptional position as a potential world-class operation. It is also being taken after considering the impact that COVID-19 has had on discussions with Chile's state-owned mining company, Codelco, under our Memorandum of Understanding. Codelco is reviewing the Maricunga project with a view on how best to develop the entire Maricunga salar under joint ownership.

The first stage of the project (Figure 1) will have a name plate capacity of 15,000 tonnes-per-year of high-quality lithium carbonate over a 20-year mine life. It will also provide significant future expansion potential from subsequent stages.

Brine from the exploration target below 200m depth could potentially convert to reserves after additional confirmatory drilling, as could existing brine resources within MSB's New Code concessions on the salar. Stage One will also provide a strong foundation for substantial consolidation opportunities for MSB and other parties on the Maricunga Salar.

MSB's four Old Code concessions, Cocina, San Francisco, Despreciada and Salamina, comprise 1,150 hectares of the highest-grade brine in the Maricunga Salar as defined by our comprehensive exploration program.

The resource contained in these properties is included in the previously released NI43-101 and JORC resource statements (*Definitive Feasibility Study of MSB Blanco Lithium Carbonate Project; 17 January 2019*) that are part of the Definitive Feasibility Study. The exploitation of the lithium brine within the Old Code concessions is also included in the approved project EIA along with the existing Chilean Nuclear Commission (CCHEN) permits.

Most importantly, having received all of the required Chilean Government development and environmental approvals necessary for the start of construction, the key decisions for the development of Stage One now lie solely in the hands of LPI and MSB. Stage One represents a lower capital expenditure, fully permitted project that can take advantage of future developments in the global lithium industry.

LPI remains committed to evaluating and progressing alternative development plans for the subsequent stages with Codelco and the Chilean authorities. This will advance the original strategy to consolidate the Maricunga Salar by developing the remainder of the mining concessions, known as New Code concessions, to provide substantial future growth for the project.

Next Steps

Work is already underway with our highly credentialed technical team and partners Worley, GEA, Stantec (formally MWH) and Atacama Water (formerly Flosolutions), among others, to update detailed engineering work to re-size and optimise the project to its revised output and specifications.

This involves a comprehensive internal review of the project's technical and economic design. It will include further drilling to increase resources to a depth of 400m on the Old Code properties, adding to the 380m hole completed during the 2018 drilling program. Reported results will be in accordance with JORC and NI 43-101 international standards.

Special focus will be on the optionality provided by Stage One as a starter project that would allow future rapid expansion incorporating exploitation of the New Code concessions.

Recent work on the Engineering, Procurement and Construction (EPC) bidding processes is advancing with two major international engineering companies, as are several alternatives for project financing. They will be adjusted to take into account the updated Stage One design.

Engineering and financing activities will ensure continuity in the fast-tracking of the development timeline during the first half of 2021. A construction decision is expected to be made shortly thereafter.

Codelco MOU

In August 2019, in parallel with the approval process for the EIA of the project, LPI announced the execution of a non-binding Memorandum of Understanding (MOU) to jointly develop its Maricunga properties with those on the Maricunga Salar owned by Codelco.

After signing the MOU, Codelco began due diligence of MSB's extensive development program for the project. However, that process was substantially impacted by socio-political unrest in Chile during 2019 and 2020, and was further impacted by the COVID-19 pandemic. This resulted in significant delays, and discussions and technical due diligence were likely to continue longer than expected by both parties.

As such, the parties have been unable to advance towards a definitive agreement in a timely manner consistent with the expectations of LPI's shareholders and their interests. Therefore, the decision has been made to progress with the staged development approach by initially developing the Old Code concessions.

MSB continues to engage and collaborate with Codelco. It will also continue to engage with other parties regarding the consolidation of the Maricunga Salar lithium concessions for a possible development of a larger future lithium project.

Government

MSB continues to enjoy strong support from the Chilean Government for its development of the Maricunga project. To stimulate economic development and support the economy following the impacts of COVID-19, the Chilean Government is promoting several regional economic programs what could assist MSB in its new staged development approach.

Discussions have been held with several government authorities in recent weeks about alternatives to advance the project within the context of the current economic programs.

Western Australia (WA) Exploration

Consistent with LPI's stated objective of suspending operations due to Covid-19, all WA exploration in 2020 was curtailed. With the situation improving after the opening of State borders, an exploration program at the Greenbushes tenement is being finalised and will commence in Q1 2021.

The focus will be on a drilling program of the targets identified in field work completed at the Greenbushes in Q4 2019 and Q1 2020.

Approximately half of the drilling program will be partly funded by circa \$450,000 currently in the WA holding company. These funds are the proceeds of the sale of the Strelley property in northern WA. The balance will come from LPI funding.

Lithium Power International's Chief Executive Officer, Cristobal Garcia-Huidobro, commented:

"The Maricunga project has been through many challenges. Today is no different, as the global pandemic continues to unfold. We initially envisioned a larger project that could, in the short term, have partly consolidated the Maricunga Salar. We now believe that a staged approach will provide a better outcome for our shareholders while minimising further delays. The acceleration of EV production in Europe and Asia confirms that high-quality projects like Maricunga are required to supply the many battery factories already under construction.

The revised project is smaller than our previously announced development, but the decision to advance with Stage One reflects the world class nature of our project. It will provide maximum shareholder value as soon as possible. We look forward to advancing our plans with the support of the Chilean authorities. I want to thank our shareholders for their continued support."

For further information, please contact:

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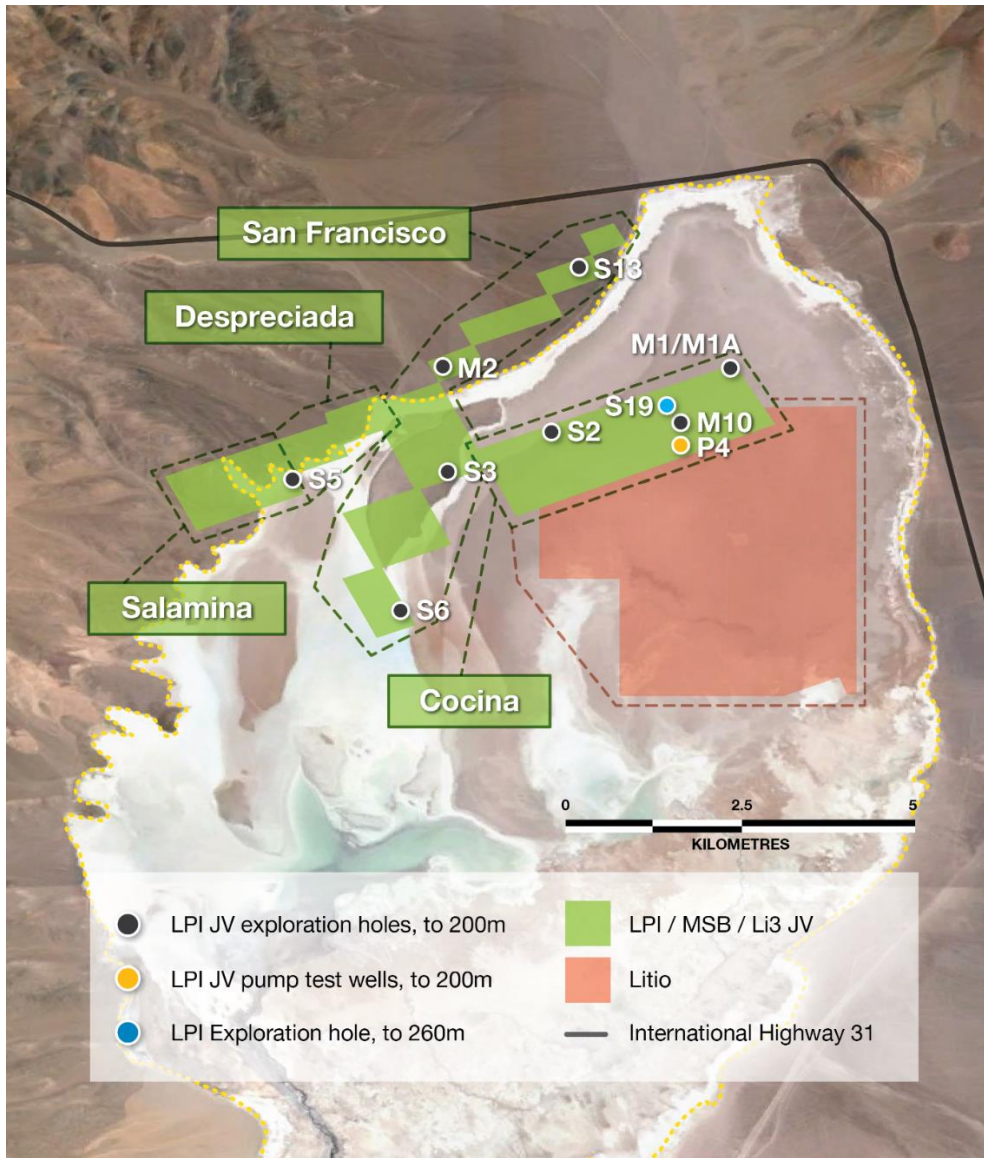


Figure 1 - The 'Stage One' project

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