



## ASX Announcement

13 June 2017

### Lithium and Gold Project Update

Dark Horse Resources Limited (ASX:DHR; "DHR", "Dark Horse" or "Company") is pleased to update the market on the Company's Argentinean lithium and gold exploration activities in recent months.

#### Highlights:

- **Lithium Exploration and Exploitation plans endorsed**
- **Los Domos Social Licence granted**



Figure 1: Location of Dark Horse Resources Argentine projects.



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Director Neil Stuart commented: *“the Company is very pleased to report to shareholders that we have received endorsement from the mining authorities of both the Cordoba and San Luis provinces for Dark Horse’s lithium exploration and exploitation plans. This is especially important in Cordoba province where Dark Horse holds the rights to the historic Las Tapias pegmatite mining property. Because Las Tapias was a prior mine, once a new environmental impact assessment is completed, the existing mining licence can be reactivated and mining operations could be recommenced.”*

### **San Luis and Cordoba Lithium Projects**

Dark Horse has extensive interests in lithium properties in San Luis and Cordoba provinces of Argentina through:

- its relationship with Pampa Litio SA (formerly Oronegro SA), where it is acquiring the company; and
- through arrangements with Piedra Grande SA, a pegmatite mining company operating mines in San Luis province for the production of quartz and feldspar used by its parent company Ferrum SA for the manufacture of ceramics.

### **Pampa Litio**

The main current targets in the Pampa Litio portfolio are the Las Tapias Mine in Cordoba province, and the El Totoral and Los Chañares properties in San Luis province (refer **Figure 2** below).

Dark Horse has had positive meetings with the San Luis province mining authorities during the Arminera Buenos Aires conference in May, followed up with a visit to the San Luis Mining Department. A presentation was made of our exploration and exploitation objectives and strategies for El Totoral and Los Chañares in support of having the environmental impact study approved to allow the commencement of exploration. The Company’s plans were well received and the provincial government agreed to accelerate the issuance of the license, which is expected in the next several months. The Company has been in discussion regarding exploration strategies and programs with the Pampa Litio geologists who would be contracted to carry out the work once the license is issued.

Company representatives also met with the Cordoba Mining Secretary at the Arminera conference and discussed Las Tapias. The Mining Secretary said that Dark Horse would be strongly supported by the provincial government, that permitting for this type of production is accepted within the province, and encouraged the Company to progress its exploration and exploitation plans.

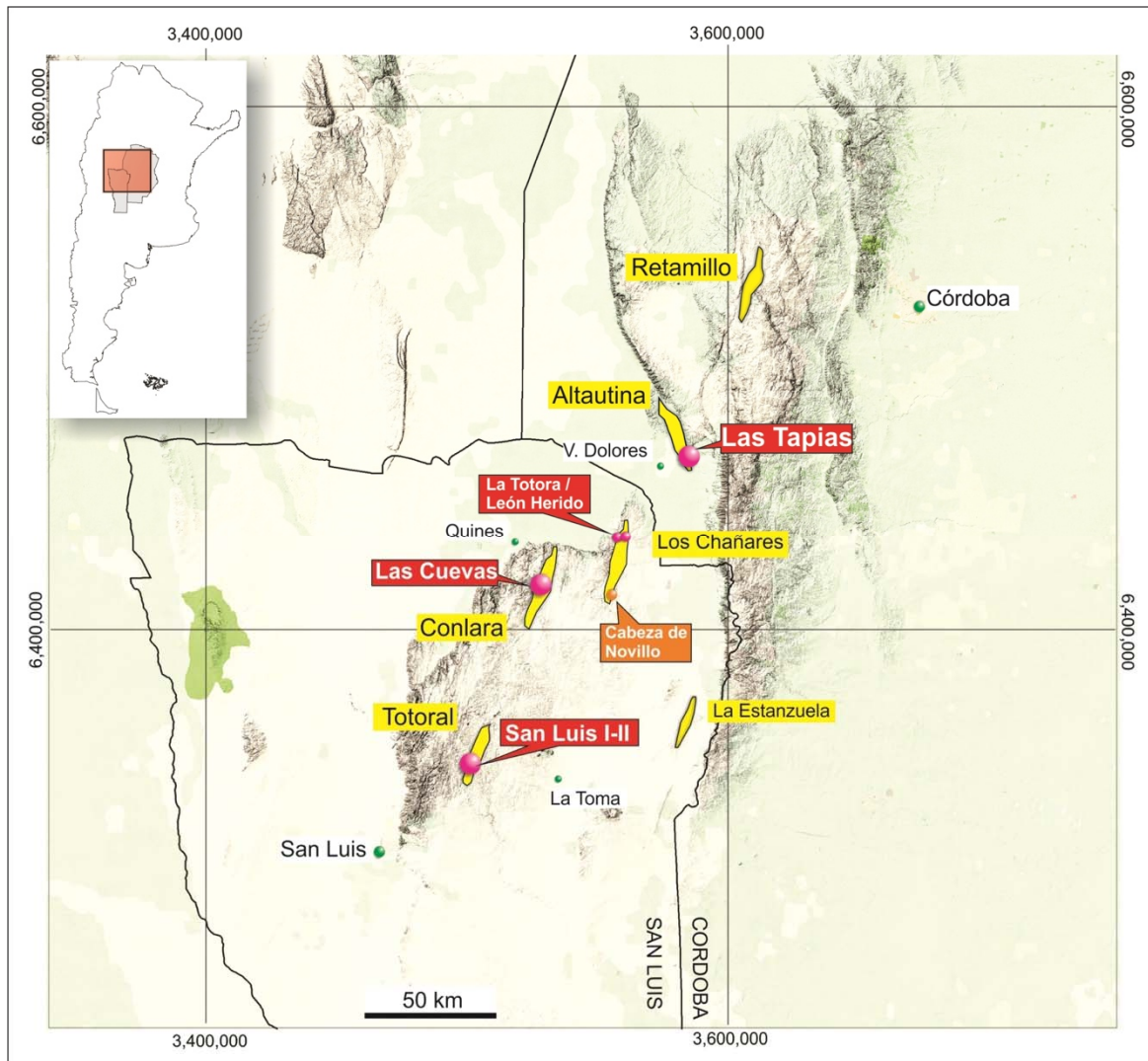
The business arrangement with the vendors of the Las Cuevas property in San Luis has been terminated due to expected low priority of lithium potential following recent geological investigations.

### **Piedra Grande**

As a part of the future cooperation with Piedra Grande for lithium exploitation within their pegmatite leases and mines, Dark Horse carried out an initial sampling program in several of the Piedra Grande properties during May. The work was contracted to an experienced San Luis mineral geologist, who worked in conjunction with two Piedra Grande geologists. A total of 23 hard rock samples were taken and assays are expected in the near future, along with a detailed geological report. Dark Horse will release the results when available.



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**Figure2: Map showing the location of the Las Tapias, Las Cuevas and other historic spodumene mines controlled by DHR/Pampa Litio (red dots) in the principal pegmatite districts of San Luis and Córdoba Provinces.**

### **Los Domos Gold Project**

The Los Domos Gold Project is located in the central-eastern region of Santa Cruz Province, Argentina (refer Figure below) and contains two exploration licences (Cateos Los Domos and Los Domos Norte) covering a combined area of approximately 105km<sup>2</sup>.

Dark Horse is earning an interest in the property through a series of vendor payments and expenditure commitments. The region is host to numerous multi-million ounce, epithermal style gold-silver deposits within Santa Cruz Province including Cerro Vanguadia owned by AngloGold Ashanti, and Cerro Negro owned by Goldcorp.



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The environmental impact study to allow commencement of exploration is in process and expected to be approved in the next several months in time for implementation following winter. The Company's forward exploration program will initially consist of a satellite imagery geological interpretation study, which will establish important structural aspects and likely areas of hydrothermal alteration (a guideline to mineralization) with follow-up field inspections ("ground truthing") and rock chip sampling and multi-element analyses. This will be followed by prospect scale detailed geological mapping and further sampling. Such work should enable drill targets to be determined.

The Los Domos vendor group has offered DHR several other gold properties, which Dark Horse is currently reviewing.



Figure 3: Location of the Los Domos Project with other significant gold projects.

Further activity updates will be provided as new information comes to hand.



On behalf of the Board  
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**Company Secretary**

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