



ASX/Media Announcement

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PILBARA MINERALS ON TARGET FOR FIRST SPODUMENE CONCENTRATE PRODUCTION

First load commissioning commences at the Pilgangoora crusher and DSO ore production advances

Australian lithium developer, Pilbara Minerals Limited (ASX: PLS) (“**Pilbara**” or “**the Company**”), is pleased to advise that ore load commissioning has begun through the crushing facilities at its 100%-owned Pilgangoora Lithium-Tantalum Project in WA.

The Pilgangoora crusher facilities have been provided under a build own operate contract by Crushing Services International (a division of Mineral Resources Limited) and their safe and reliable work during construction of the crusher facilities has been welcomed by the Pilbara Minerals team. Their experience in crushing and processing spodumene and strong culture of delivery is a great value add for Pilbara as it continues to de-risk and deliver the overall concentrator program.

In parallel with the commencement of load commissioning of the crusher, construction of the overall processing plant for Pilgangoora is progressing towards completion with subsets of the plant’s circuits being completed daily, in preparation for the commencement of commissioning of the main Pilgangoora concentrator in the coming weeks.

The Company remains on track to deliver the first concentrate from the processing plant by the end of June 2018.



Ore Load Commissioning at Crushing Facilities (Figure 1)



Ore Load Commissioning at Crushing Facilities - Conveyor Product Discharge (Figure 2)

Consistent with Pilbara’s plans for delivery of Direct Shipping Ore (DSO), the Pilgangoora Monster pit and associated infrastructure are now fully established at site and mine gate ore deliveries commenced to Atlas during late April. A steady flow of DSO ore is now leaving site targeting Atlas’ first ore shipment in the first half of June 2018. Under the agreement with Atlas, Pilbara will deliver a minimum of 1.0 million tonnes of unprocessed run-of-mine lithium-tantalum material from the Pilgangoora mine to Atlas on a mine gate sale basis, based on a delivery schedule which is designed to allow Atlas to ship 100,000 tonnes of DSO per month to off-take customers. Atlas will utilise its existing processing and logistics infrastructure in the Pilbara to crush the material and ship the DSO to customers in China through its Utah Port shipping facilities in Port Hedland.



Monster DSO Operation Overview (Figure 3)

Additional Information:**ABOUT PILBARA MINERALS**

Pilbara Minerals ("Pilbara" – ASX: PLS) is a mining and exploration company listed on the ASX, specialising in the exploration and development of the specialty metals Lithium and Tantalum. Pilbara owns 100% of the world class Pilgangoora Lithium-Tantalum project which is among the largest Spodumene (Lithium Aluminium Silicate) projects in the world. Pilgangoora is also one of the largest pegmatite hosted Tantalite resources in the world and Pilbara proposes to produce Tantalite as a by-product of its Spodumene production.

Contacts:

<i>Investors / Shareholders</i> Ken Brinsden Chief Executive Officer, Managing Director Ph. +61 (0)8 6266 6266	<i>Media</i> Nicholas Read Read Corporate Ph. +61 (0)8 9388 1474
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