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ASX/Media Announcement

4 May 2016

KEN BRINSDEN JOINS PILBARA BOARD AS MANAGING DIRECTOR

Australian strategic metals company Pilbara Minerals Limited (ASX: PLS) is pleased to advise that its Chief Executive Officer Ken Brinsden has been appointed to the Company's Board effective immediately, and will now hold the dual roles of Managing Director and CEO.

Mr Brinsden was appointed as CEO late last year and, together with Executive Director Neil Biddle and Technical Director John Young, has led the team which has been responsible for delivering the Pre-Feasibility on the Company's Pilgangoora Lithium-Tantalum Project in WA and overseeing the recent highly successful \$100 million capital raising.

His elevation to the Board marks the beginning of a staged process of board renewal for Pilbara Minerals as it prepares to make the transition to development and production at Pilgangoora over the next 18 months.

Mr Biddle intends to remain as Executive Director until the completion of the Pilgangoora Feasibility Study, which is targeted for August 2016. After that, he plans to step down from his executive role but will remain on the Board as a non-executive and will remain closely involved with the Company, both as a Director and major shareholder. Mr Young will remain in his role as Technical Director, working closely with Mr Brinsden in the delivery of the Company's key projects.

Pilbara intends to appoint additional Board members in due course with an appropriate mix of skills and expertise to reflect the Company's growing profile and market capitalisation, and to ensure the requisite level of independence and diversity in line with best practice from a corporate governance perspective.

Pilbara's Chairman, Mr Tony Leibowitz, said that since his appointment in January 2016, Mr Brinsden had already made a significant mark on the Company, helping to build and lead a strong and highly capable team with the ability to take Pilgangoora through to completion of the Definitive Feasibility Study, finalisation of off-take agreements and into financing, construction and production.

"Ken is a strong leader and team player who is the ideal person to lead Pilbara Minerals forward as we continue to move from strength to strength," Mr Leibowitz said. "His skills and expertise in developing and operating mining projects in the Pilbara region is without parallel, and we take this opportunity to welcome him to the Board and look forward to his ongoing significant contribution."

Background on Ken Brinsden

Mr Brinsden is a mining engineer with more than 20 years' experience in surface and underground mining operations. A graduate of the highly regarded Western Australian School of Mines, Mr Brinsden has worked for major mining companies including WMC Resources, Normandy, Central Norseman Gold Corporation, Goldfields and Iluka Resources in a range of production, management, brownfields and greenfields mine development roles.

He joined Atlas Iron in May 2006 as Operations Manager and played a key role in driving its Pilbara iron ore growth strategy, which saw it become the fourth largest iron ore producer in Australia. He



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held the roles of Chief Operating Officer and Chief Development Officer before being appointed as Managing Director in February 2012. Mr Brinsden also played a key role in driving the cost-reduction and contractor-collaboration strategies which Atlas implemented in response to the collapse in iron ore prices.

Mr Brinsden was appointed as Chief Executive Officer of Pilbara Minerals in January 2016, with his appointment to the Board as Managing Director effective from 4 May 2016.

In accordance with Listing Rule 3.16.4, it is confirmed that Mr Brinsden's remuneration remains unchanged from that set out in in our ASX release dated 3 December 2015.

-ENDS-

More 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 the second largest Spodumene (Lithium Aluminium Silicate) project 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 byproduct of its Spodumene production.

ABOUT LITHIUM

Lithium is a soft silvery white metal which is highly reactive and does not occur in nature in its elemental form. It has the highest electrochemical potential of all metals, a key property in its role in Lithium-ion batteries. In nature it occurs as compounds within hard rock deposits and salt brines. Lithium and its chemical compounds have a wide range of industrial applications resulting in numerous chemical and technical uses. A key growth area is its use in lithium batteries as a power source for a wide range of applications including consumer electronics, power station-domestic-industrial storage, electric vehicles, power tools and almost every application where electricity is currently supplied by fossil fuels.

ABOUT TANTALUM

The Tantalum market is boutique in size with around 1,300 tonnes required each year. Its primary use is in capacitors for consumer electronics, particularly where long battery life and high performance is required such as smart phones, tablets and laptops.

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