



Further positive results for Mt. Porter ore

Sydney, 9th June 2015: The Board of Ark Mines Ltd (**ASX: AHK**) is pleased to advise that further results received from recent metallurgical test work are positive and now supports two common gold processing options.

Test work performed by Independent Metallurgical Operations Ltd (**IMO**) indicates Mt. Porter Ore to contain 10% coarse gold, which can be recovered up front and reduce milling costs. These latest results support the economic viability of a:

- cyanide leach mill process; or
- float, regrind, cyanide leach mill process.

Mt. Porter (Mining Lease 22389) is a 34,200 Au ounces 2004 JORC resource that AHK is permitted to mine during the continuance of the 2013 Mining, Farmin and Joint Venture Agreement (**Farmin Agreement**) with Arafura Resources Ltd (**ASX: ARU**).

The latest IMO results indicate:

- a maximum gold recovery in the range of 83-87% is achievable by fine grinding the floatation tails and leaching at 1000ppm NaCN with the presence of oxygen and 100g/t PbNO₃;
- a whole ore leach is expected to obtain recoveries in the range of 72- 73%; and
- the Mt. Porter ore body contains in the region of 10% gravity gold. Whilst this does not effectively provide increased recoveries it will result in reduced elution and leaching costs.

Further to AHK's most recent announcement (see announcement dated 26 May 2015), AHK;

- has now engaged a resource geologist to undertake a resource study of Golden Honcho and Golden Slips prospects at Frances Creek with a view to developing a 2012 JORC resource. This work is expected to be completed within 4 weeks;
- is actively engaged with mill owners with a view to processing the Mt. Porter ore, as soon as is practicable during 2016;
- is actively engaged in acquiring other prospective mining leases with gold resources in the Northern Territory; and
- is currently finalising its RC drilling plan at Golden Slips (within the Frances Creek exploration tenements).

About Ark Mines

Ark Mines Ltd (ASX: AHK) is a publicly listed company with gold tenements including an advanced gold mining licence in the Northern Territory. AHK's Exploration Licence (EL) in New South Wales (NSW) lies within the Lachlan Fold Belt. This area is the focus for significant Exploration in NSW and the epicentre of many major poly metallic and precious metal Mines.



FURTHER INFORMATION: Roger Jackson, Managing Director, Ark Mines Ltd: +61400 408 550

The information in this announcement that relates to Exploration Results, Mineral Resources or Ore Reserves has been compiled by Roger Jackson BSc, Grad Dip Fin Man, Dip Ed, AICD, who is a Member of The Australasian Institute of Mining and Metallurgy and who has more than five years' experience in the field of activity being reported on. Mr Jackson is a director of the Company. Mr Jackson has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Jackson consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.