

## Mt. Porter Water Monitoring Bores

**Sydney, 30 August 2016**: Ark Mines Ltd (**ASX: AHK**) has now commenced drilling water monitoring bores at Mt. Porter as required by the conditional mining management plan (**MMP**) approval (*see AHK's previous announcement dated 22/8/16*). This work is necessary to finalise the water management obligations prior to commencement of mining.

Drilling and construction of the water monitoring bores (see further information in Figure 1 below) is expected to take 5 to 6 days. The water samples will be sent away for analysis and consultants from Northern Resource Consultants Group will then finalise the water management components that include:

- calibration of the developed groundwater model for the Mt. Porter project;
- calibration of the site water balance; and
- finalisation of the water monitoring program.

The water management components will be integrated as addendums of the existing MMP and then provided to the Northern Territory Department of Mines and Energy.

AHK's Managing Director, Roger Jackson said:

"Our management team and consultants are progressing extremely well finalising the required water management obligations, with which we expect to comply on or before 9 September. The Department of Mines and Energy have indicated they will use their best efforts for an early turn-around of final approval".

## **About Ark Mines**

AHK is a Sydney based company now readying itself for near term gold production, from assets in the Northern Territory. The company's aim is to establish itself as a medium level gold producer producing gold from tenements in the Northern Territory, developing prospective tenements in the Northern Territory and New South Wales and to acquire other prospective gold mining projects in Australia.

## 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.



Table 1: Proposed monitoring bores in their preferred order of drilling TARGET AQUIFER EASTING NORTHING DEPTH CLASS Shallow aquifer in the weathered zone below stream sediments and above base of oxidation Shallow aquifer in the weathered zone below stream sediments and above base of oxidation Sediment of Pit Gully 16 August 2016 22 August 2016 14-20m 17 August 2016 weathered/partially weathered siltstone of upper Koolpin Formation Shallow aquifer in the weathered zone below stream sediments and above base of oxidation F4 Fault 805410 17 August 2016 14-20m 19 August 2016 F2 Fault 38-50m F5 Fault 805336.2 8490923 19 August 2016 Test 38-50m se of Upper Koolpin Formation 21 August 2016 805312.4 8490735 F1 Fault 28-40m **Northern Resource** 

Figure 1 Water Monitoring Bore Specification

Figure 2 Drill rig on site at Mt Porter drilling Water Monitoring Bores

