



Union Extended Project Update

Sydney, 15th December 2017: Ark Mines Ltd (**ASX: AHK**) is on track to complete by early 2018, the Union Extended (**UE**) Mining Management Plan (**MMP**) for the establishment and operation of a CIL gold processing plant.

MMP

The following studies, required for the MMP, are well underway under the careful management of AHK's board and consultants:

- hydrogeological study. Desktop studies have now been completed and field components (including monitoring bore construction and hydrogeological testing) have been commenced and well under way;
- terrestrial ecology desktop studies have been completed. Field components are planned to commence mid-January 2018;
- soils, rehabilitation and land use desktop studies have been completed. Field components are planned to commence mid-January 2018;
- studies have now commenced for geochemical assessment of tailings; and
- tailings storage facility (**TSF**) and water management assessment design is underway.

At this stage, all major elements of the UE project (TSF, raw water dams and gold processing plant) are proposed to be constructed on previously disturbed operational areas. Consequently, no additional clearing of remnant vegetation is expected or planned.

Gold processing plant

In tandem with the UE MMP, AHK's evaluation of CIL gold processing components is also advancing.

UE optimisation studies have now been completed and quotes for significant CIL processing plant components have been requested from suppliers in China and South Africa. Several requests have now been satisfied. AHK is evaluating the supplier information provided (including pricing, lead times, plant throughput and specific components) and is co-ordinating its evaluation with Panasia Limited (*refer AHK announcement dated 24/10/17*).

Once AHK's evaluation of supplier quotes is complete the design for the UE CIL gold processing plant can be finalised and incorporated into the MMP application.

AHK's Managing Director, Roger Jackson said:

"It is pleasing to see the Union Extended Project advancing well within the company's expectations. Preparation of the MMP is on track and we are pleased with the supplier responses we have received to date. The UE project is critical to company's vision of becoming a socially minded Northern Territory gold producer".



About Ark Mines

Ark Mines Ltd (ASX: AHK) is a publicly listed company with gold tenements in the Northern Territory. AHK is focussed on mining its tenements as soon as is practicable and to develop further cash generating projects in the Northern Territory.

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.