

## **FIELD REVIEW CONFIRMS ~100km OF BASAL FORTESCUE GROUP ROCKS HIGHLY PROSPECTIVE FOR CONGLOMERATE-HOSTED GOLD**

*Field evaluation ongoing with stream sediment sampling program planned to commence shortly*

### **Highlights**

- **Initial field assessment of the conglomerate-hosted gold potential of Kairos' extensive West, Central and East Pilbara tenement portfolio completed by Kairos' Exploration Team.**
- **Field review confirms the presence of prospective lower Fortescue Group Rocks, including the basal Mount Roe Basalt, over at least ~100km of strike within Kairos' extensive tenement package.**
- **The target stratigraphy is considered to be the same as that which hosts the recent gold discoveries announced by Novo Resources (TSX-V: NVO), which has reported a significant new "Witwatersrand style" conglomerate-hosted gold discovery at its joint venture project with Artemis Resources (ASX: ARV) in the West Pilbara.**
- **No known previous detailed mapping or sampling for gold has been reported along the combined ~100km target sequence in any of Kairos' tenements, although significant alluvial gold nuggets and historical mine production from strike equivalent conglomerate host rocks are reported in close proximity.**
- **Quad bike and/or helicopter-assisted stream sediment and rock chip sampling programs to commence across key locations within the coming weeks.**

Kairos Minerals Ltd (ASX: KAI; "Kairos" or "the Company") is pleased to advise that an initial field assessment of its extensive Pilbara lithium-gold tenement portfolio in Western Australia (see Figure 1) has both confirmed and enhanced its prospectivity for Paleo-Placer "Witwatersrand-style" conglomerate-hosted gold mineralisation similar to the discoveries reported recently in the region by Novo Resources Limited (TSX-V: NVO) and Artemis Resources (ASX: ARV).

Kairos holds 1,158 square kilometres of tenure in this region, which has recently experienced a significant increase in exploration activity as a result of the announcement of a new conglomerate-hosted gold discovery by Novo and Artemis.

The recent field assessment, along with results from a review of available geological information for Kairos' tenements, has highlighted the presence of at least ~100 strike kilometres of prospective lower Fortescue Group rocks including both the base of the Hardey Formation and the basal sequence of the Mount Roe Basalt.

Gold has been mined from conglomerates associated with both of these horizons historically at several locations in the Pilbara, including at Marble Bar and Nullagine.

No recorded detailed sampling for gold has been undertaken along these horizons within Kairos' tenements, although significant alluvial gold nugget occurrences are reported in the historical record in close proximity

at several locations including Croydon, Friendly Creek and Marble Bar. Significant historical gold production from strike (stratigraphical) equivalent conglomerate host rocks is well documented from Marble Bar and Nullagine (Refer: Hickman 1983; Geology of the Pilbara Block and it's Environs, GSWA Bulletin 127)

As a result of recent peer company activity in the Pilbara region, and approaches by third parties seeking potential farm-in joint venture arrangements, Kairos has decided to fast track a geological review of it's tenements to assess the potential for conglomerate-hosted gold mineralisation.

Kairos targeted key areas of the West, Central and East Pilbara district last year, primarily for lithium and gold potential, following the Company's acquisition and detailed review of the Mt York Gold-Lithium Project at the beginning of 2016.

The Novo/Artemis discoveries, including a significant quantity of gold nuggets found at surface, are associated with a regionally extensive geological formation known as the Fortescue Group of rocks including the lower Hardey Formation and the Mount Roe Basalt. Importantly, the presence of these sequences has now been verified extensively throughout Kairos' tenements.

These new discoveries have resulted in a significant pegging rush in the area, with Novo and other companies acquiring tenements which secure the Fortescue Group formation across the broader Pilbara region.

In light of the positive results from the field assessment, Kairos has decided to fast-track further field evaluation including stream sediment and rock chip sampling programs, which are set to commence within the coming weeks.

Because of the nature of the terrain, this initial sampling program will be undertaken with the use of quad bikes and/or helicopter assistance.

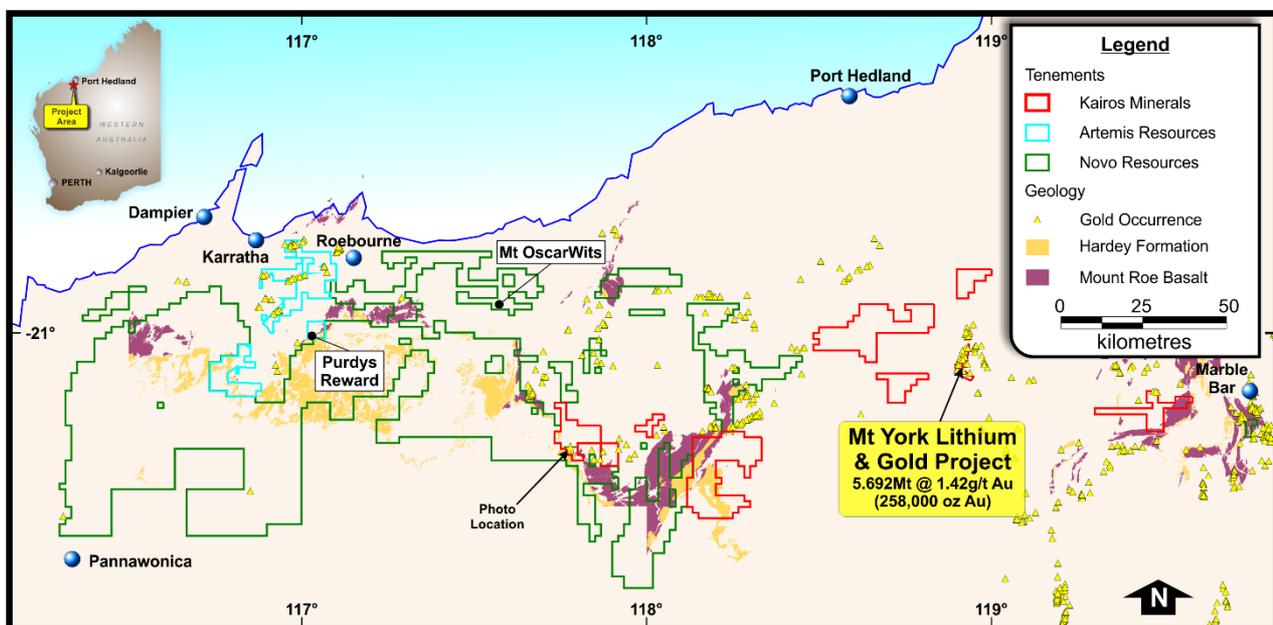


Figure 1. Prospective regional geology and tenure

*Kairos cautions investors that further work is required to confirm the gold bearing nature of the prospective conglomerate sequences which have been identified within Kairos Minerals tenure.*



Plate 1 – Croydon Prospect - Mapped Conglomerate



Plate 2 – Croydon Prospect - Sampled Conglomerate (assays pending)

**ENDS**

### **About Kairos Minerals**

Kairos Minerals (ASX: KAI) is a diversified West Australian-based exploration company which is focused on the exploration and development of two key project hubs located in WA's premier mining districts.

The 100%-owned Mt York Gold-Lithium Project is located ~100km south of Port Hedland in the world-class Pilgangoora district. Since acquiring the project in early 2016, Kairos has rapidly established a 258,000oz JORC 2012 compliant Mineral Resource inventory at Mt York by re-evaluating the known resources from the historical Lynas Find gold mine, which produced over 125,000oz between 1994 and 1998.

The 100%-owned Roe Hills Project, located 120km east of Kalgoorlie in WA's Eastern Goldfields, comprises an extensive tenement portfolio which is highly prospective for gold, nickel and cobalt discoveries. Kairos' tenure adjoins the emerging Lake Roe gold discovery, owned by Breaker Resources (ASX: BRB).

Kairos has completed maiden drilling programs across both projects over the past six months, delivering impressive results which have highlighted the significant potential of both projects to deliver significant new discoveries and host economic mineral deposits.

Kairos also holds a dominant 1,158.7km<sup>2</sup> lithium exploration footprint in the Pilbara region including the highly prospective Mt York and Wodgina east projects.

Kairos has been well recognised for its industry leading technical team that includes its Chairman Terry Topping (Taipan Resources NL, Cauldron Energy Ltd and Orinoco Gold Ltd), Technical Director Neil Hutchison (Poseidon Nickel, Jubilee Mines, Technical Manager Steve Vallance (WMC, ACM, Jubilee Mines, Xstrata, Kagara, LionOre), and consulting specialists Dr Robin Hill, Sarah Dowling, Dr Nigel Brand, Adrian Black and Bill Amman.

### **For further information, please contact:**

#### **Investors:**

Mr Terry Topping  
Executive Chairman  
Kairos Minerals Limited

#### **Media:**

Nicholas Read/Paul Armstrong  
Read Corporate  
Ph: 08 9388 1474

#### **COMPETENT PERSON STATEMENT:**

*Competent Person: The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled and reviewed by Mr Steve Vallance, who is the Technical Manager for Kairos Minerals Ltd and who is a Member of The Australian Institute of Geoscientists. The information was also reviewed by Mr Terry Topping, who is a Director of Kairos Minerals Ltd and who is also a Member of AusIMM. Both Mr Vallance and Mr Topping have sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' (the JORC Code 2012). Mr Vallance and Mr Topping have consented to the inclusion in the report of the matters based on their information in the form and context in which it appears.*

*The Australian Securities Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.*