

### ASX ANNOUNCEMENT 19 December 2017

## GOLD DRILLING ADVANCES AT ROE HILLS

First assay results expected by early in the New Year from recent drilling to test extensions of previously defined mineralisation and new targets

### **Highlights**

- Strong progress with ~3,000m Aircore/Reverse Circulation drilling program at Kairos' 100%-owned Roe Hills Project, Eastern Goldfields WA.
- Key areas tested include extensions of previously defined gold mineralisation at Lingering Kiss (350m south of Silver Lake Resources' French Kiss deposit), Lady of the Lake and Terra.
- Recently defined gold-in-soil geochemical anomalies at Quartermain, ~4.5km north of French Kiss, have also been tested.
- Visually encouraging indicators at all targets with assay results anticipated early in the New Year.
- Drilling will continue up until the end of this week before pausing for the Christmas/New Year break and resuming in mid-January 2018.

Kairos Minerals Ltd (ASX: KAI; "Kairos" or "the Company") is pleased to advise that it has made strong progress with the recently commenced gold exploration program comprising Aircore (AC) and Reverse Circulation (RC) drilling at its 100%-owned **Roe Hills Project**, located 120km east of Kalgoorlie in Western Australia (Figure 1).

A total of 27 holes have been completed for approximately 3,000m of combined aircore/reverse circulation drilling (Refer Table 1).

Drilling will continue up until the end of this week before pausing for the Christmas/New Year break and resuming in mid-January 2018.

The program was designed to follow up on the outstanding results and new discoveries reported at Roe Hills earlier this year (see ASX announcement, 7 August 2017).

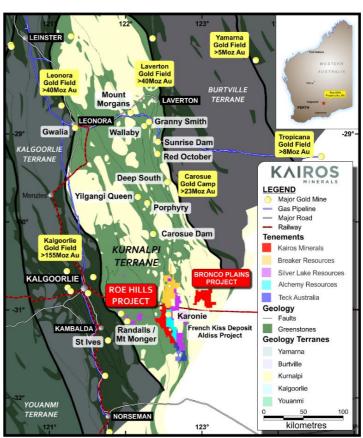


Figure 1. Roe Hills Project Location



This current campaign has been designed both to test dip and strike extensions of previously defined mineralisation at a number of targets with potential for near-term resource delineation (Lingering Kiss, Lady of the Lake, Terra and Caliburn), and to test several newly identified greenfields targets (refer Figures 2 & 3).

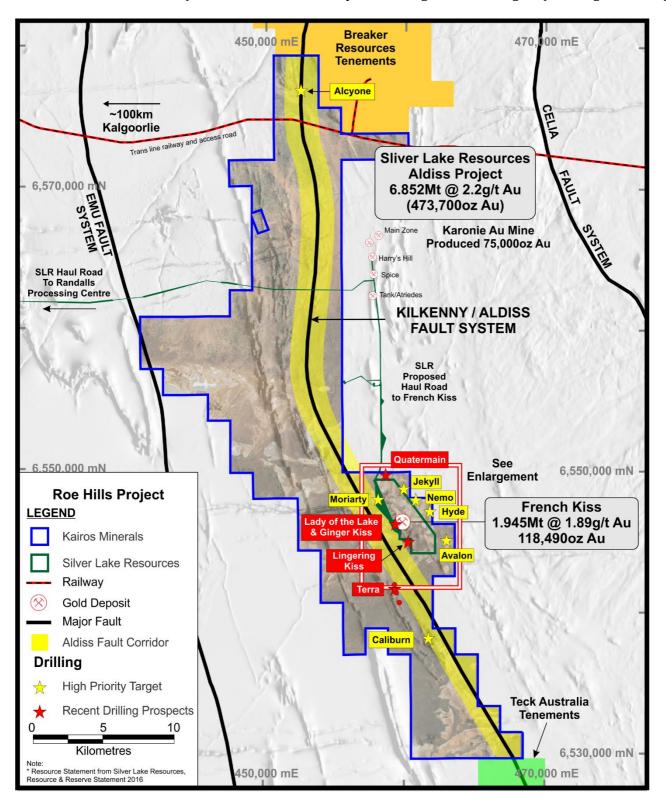


Figure 2. Recent drilling & high priority targets.



Kairos Executive Chairman Terry Topping said the Company had made excellent progress with the drilling, testing both the previously identified advanced targets with potential for resource delineation and several high-priority greenfields targets.

"We should receive first assays in January, ensuring that we get off to a flying start in 2018," he said. "Visual indications from the drilling are encouraging and we are looking forward to seeing the assays.

"This marks the culmination of what has been a great year for Kairos at both of our key project hubs. In the Pilbara, we have a high quality gold project at Mt York where we expect to complete a significant resource upgrade in the New Year as well as an exciting conglomerate-hosted gold opportunity.

"At Roe Hills, we have a large project with potential for resource delineation in the short term and multiple new discoveries along an under-explored corridor which extends to the south from the exciting Mt Roe/Bombora gold discovery currently being drilled out by Breaker Resources."

#### **Key Drilling Targets**

Kairos has so far completed two gold-focused exploratory drilling campaigns at the Roe Hills Project, which is located approximately 120km east of Kalgoorlie and immediately along strike to the south of Breaker Resources' (ASX: BRB) emerging Lake Roe gold discovery and adjacent to Silver Lake Resources' (ASX: SLR) Aldiss Gold Project.

The previous drilling programs have returned outstanding results from each of the areas identified for testing, confirming the Company's belief in the exceptional gold exploration opportunity at Roe Hills.

The current program has been designed to test the following targets:

#### **Extensional Targets** (extensions of previously defined gold mineralisation):

- Lingering Kiss where recent drilling intersected high-grade primary gold mineralisation 350m south of Silver Lake Resources' French Kiss deposit with hits of up to 43.34g/t;
- Lady of the Lake where recent drilling defined a gold mineralised zone ~150m wide by ~500m long with the mineralisation remaining open in all directions;
- Terra and Caliburn emerging prospect areas where thick zones of gold mineralisation were encountered in drilling earlier this year.

<u>New Targets</u> (robust geochemical anomalies generated from orientation surface geochemical surveys):

- Avalon
- Quartermain
- Moriarty
- Nautilus
- Nemo
- Hvde



Locations and details of the recently completed drill-holes are provided in Table 1 and Figures 2-3.

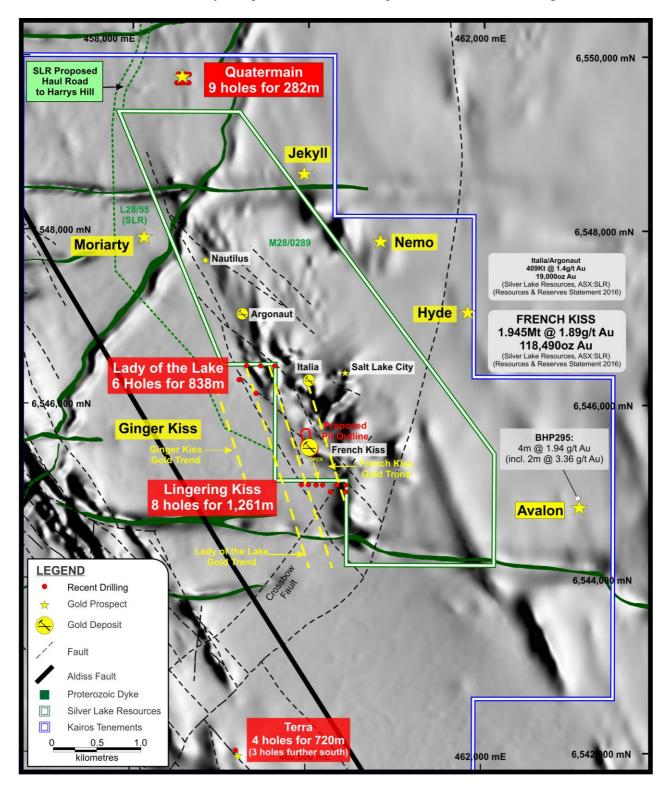


Figure 3. Drilling at Quatermain, Lady of the Lake, Lingering Kiss and Terra Prospects.



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Hole_ld	MGA_East	MGA_North	Est_RL	Length	Dip	MGA_Az	Prospect
RHRC035	459940	6545080	290	121	-60	270	Lingering Kiss
RHRC036	460020	6545080	290	120	-60	270	Lingering Kiss
RHRC037	460180	6545080	290	178	-60	270	Lingering Kiss
RHRC038	460440	6545080	290	130	-60	270	Lingering Kiss
RHRC039	460346	6545080	290	178	-60	90	Lingering Kiss
RHRC040	460106	6545080	290	178	-60	90	Lingering Kiss
RHRC041	460270	6545000	290	178	-60	270	Lingering Kiss
RHRC042	460440	6545000	290	178	-60	270	Lingering Kiss
RHRC043	459240	6546280	289.5	120	-60	270	Lady of the Lake
RHRC044	459310	6546440	291	120	-60	270	Lady of the Lake
RHRC045	459470	6546440	293	120	-60	270	Lady of the Lake
RHRC046	459630	6546440	290	120	-60	270	Lady of the Lake
RHRC047	459240	6546280	290	178	-60	270	Lady of the Lake
RHRC014	459421	6546123	290	180	-60	270	Lady of the Lake
RHRC048	459520	6540761	290	180	-60	63	Terra
RHRC049	459295	6541490	290	180	-60	63	Terra
RHRC050	459175	6541708	290	180	-60	63	Terra
RHRC051	459215	6542045	290	180	-60	63	Terra
RHRC052	458525	6549675	290	24	-60	270	Quatermain
RHRC053	458500	6549675	290	24	-60	270	Quatermain
RHRC054	458560	6549675	290	30	-60	270	Quatermain
RHRC055	458600	6549675	290	36	-60	270	Quatermain
RHRC056	458640	6549675	290	30	-60	270	Quatermain
RHRC057	458520	6549775	290	36	-60	270	Quatermain
RHRC058	458560	6549775	290	36	-60	270	Quatermain
RHRC059	458600	6549775	290	36	-60	270	Quatermain
RHRC060	458640	6549775	290	30	-60	270	Quatermain

**Table 1: Drilling Summary - Roe Hills December 2017** 



Plate1: Strike Drilling's X350 track mounted drill rig & track mounted support vehicle/booster compressor





Plate2: Drilling at Quatermain Prospect

#### **ENDS**

# For further information, please contact:

#### **Investors:**

Mr Terry Topping Executive Chairman Kairos Minerals Limited

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#### **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.

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