



## Targeting the Pilbara's next major gold discovery

Terry Topping  
Executive Chairman

Investor Presentation – May 2020



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ASX	Shares on Issue	Options on Issue	Share Price	Market Cap	12-Month Range	Cash and liquid assets on hand (31 Dec 19)	Top 20 Holders
KAI	1,019M	246M	1.0c	11M	0.5-1.9c	~\$1.1m *	38.5%

## BOARD OF DIRECTORS

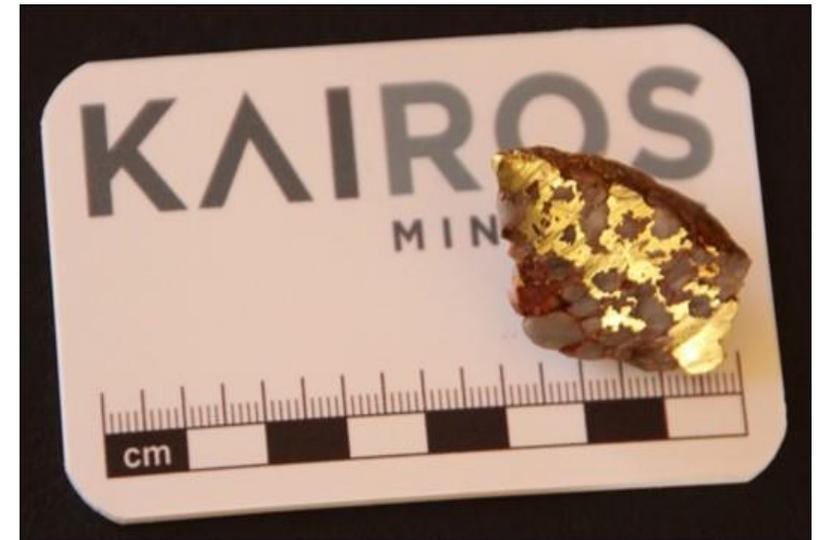
**Terry Topping**  
Executive Chairman

**Bruno Seneque**  
Chief Financial Officer

**Neil Hutchison**  
Non-executive Director

## MAJOR SHAREHOLDER

**Eric Sprott 13.6%**



\* 31 March Quarterly Report Includes gold on hand and listed investments

# Investment Overview

## ▶ Mount York Project

- ▶ *Production history – 125,493oz (1994-1998) at ~A\$350oz*
- ▶ *JORC Upgrade to 873,000oz resource<sup>1</sup> in March 2020*
- ▶ *Outstanding infrastructure in the heart of the Pilbara, WA.*

## ▶ Pilbara Regional Gold Exploration

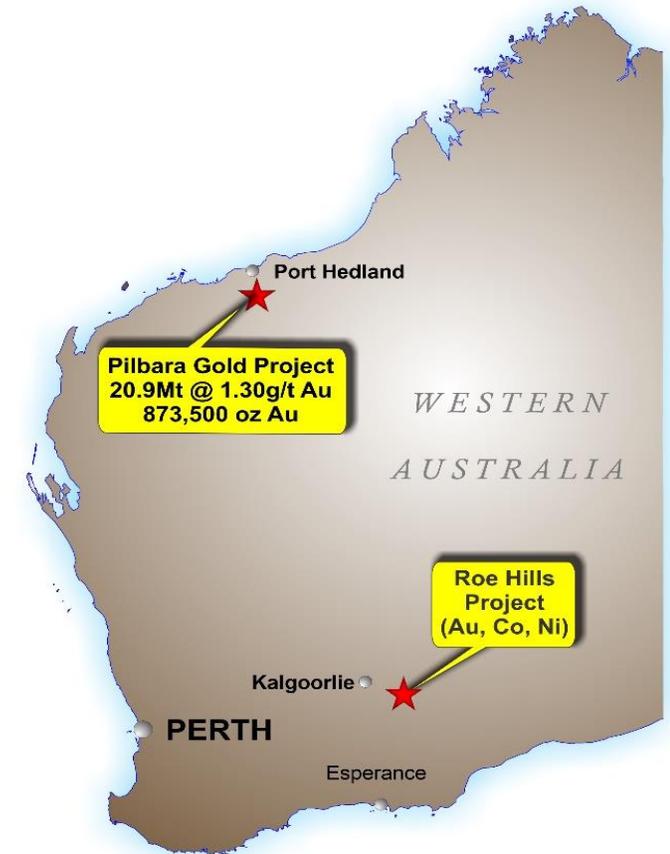
- ▶ *1,326 sq km of tenure at epicentre of Pilbara gold rush*
- ▶ *Fuego Prospect – 8km high tenor gold in soil anomaly*
  - ▶ *46% of stream sediment samples contained visible gold*
- ▶ *Review of regional portfolio indicates numerous targets for Hemi style intrusion related gold mineralisation.*

## ▶ Roe Hills Gold

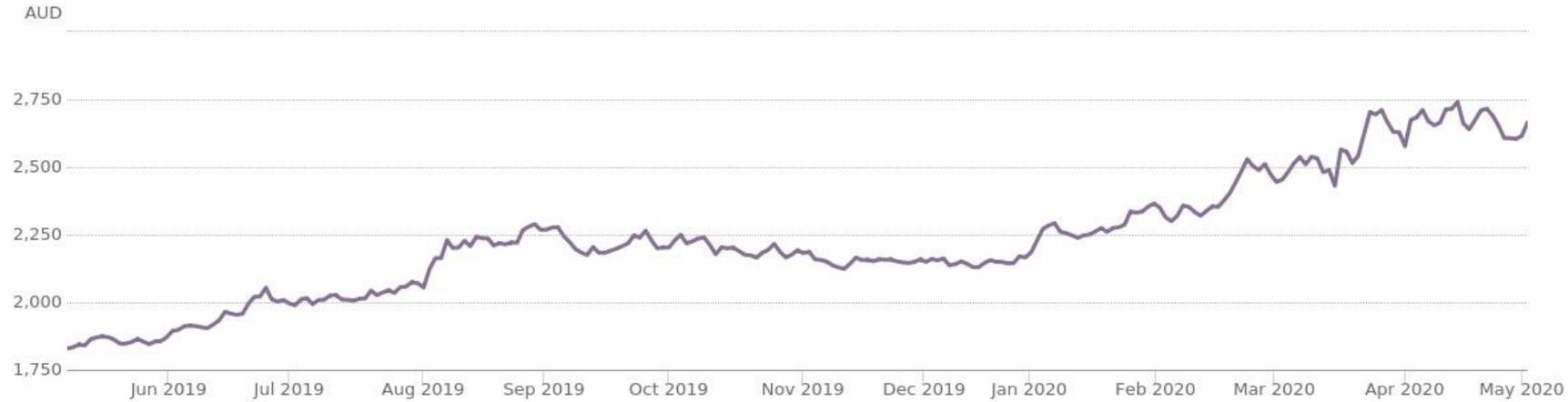
- ▶ *Prospective strike length of +40km – Gold and Nickel*

## ▶ Current Exploration

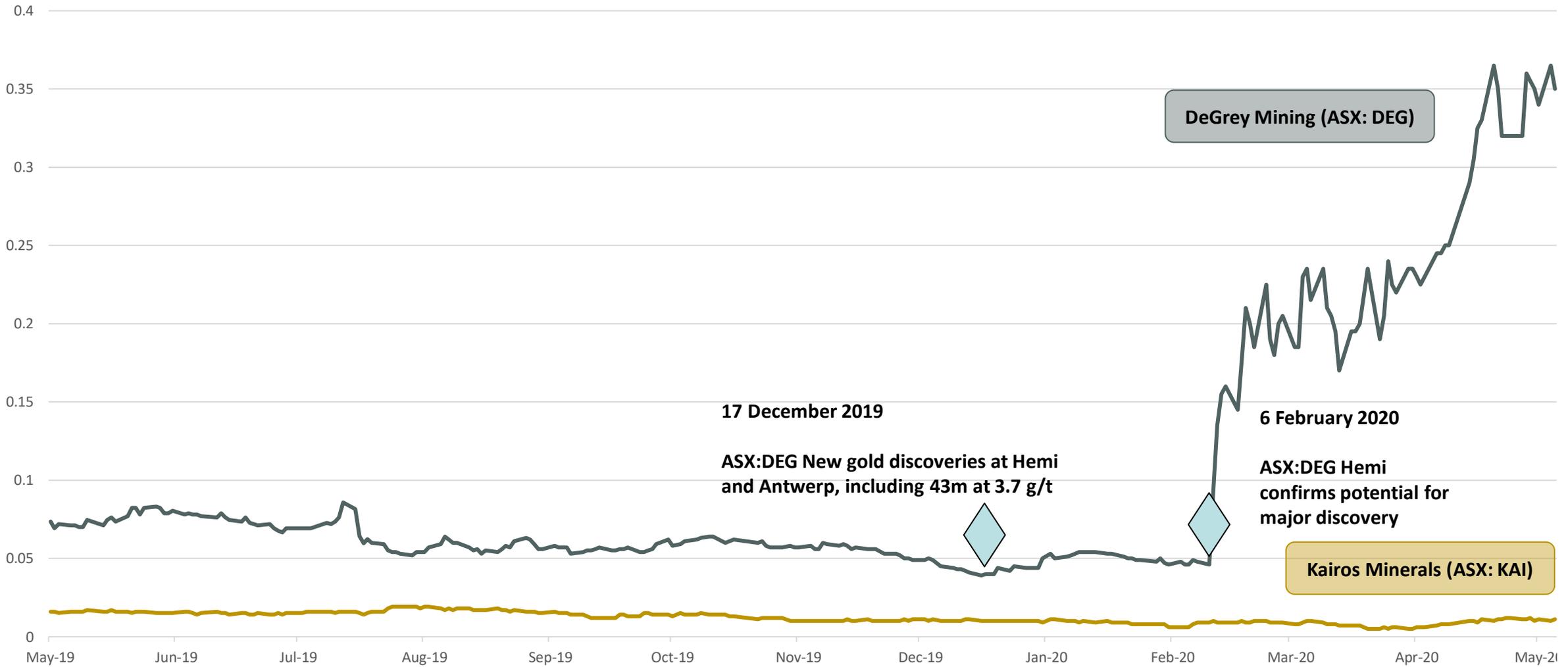
- ▶ *Mobilisation of field camp during May to commence Pilbara field exploration*



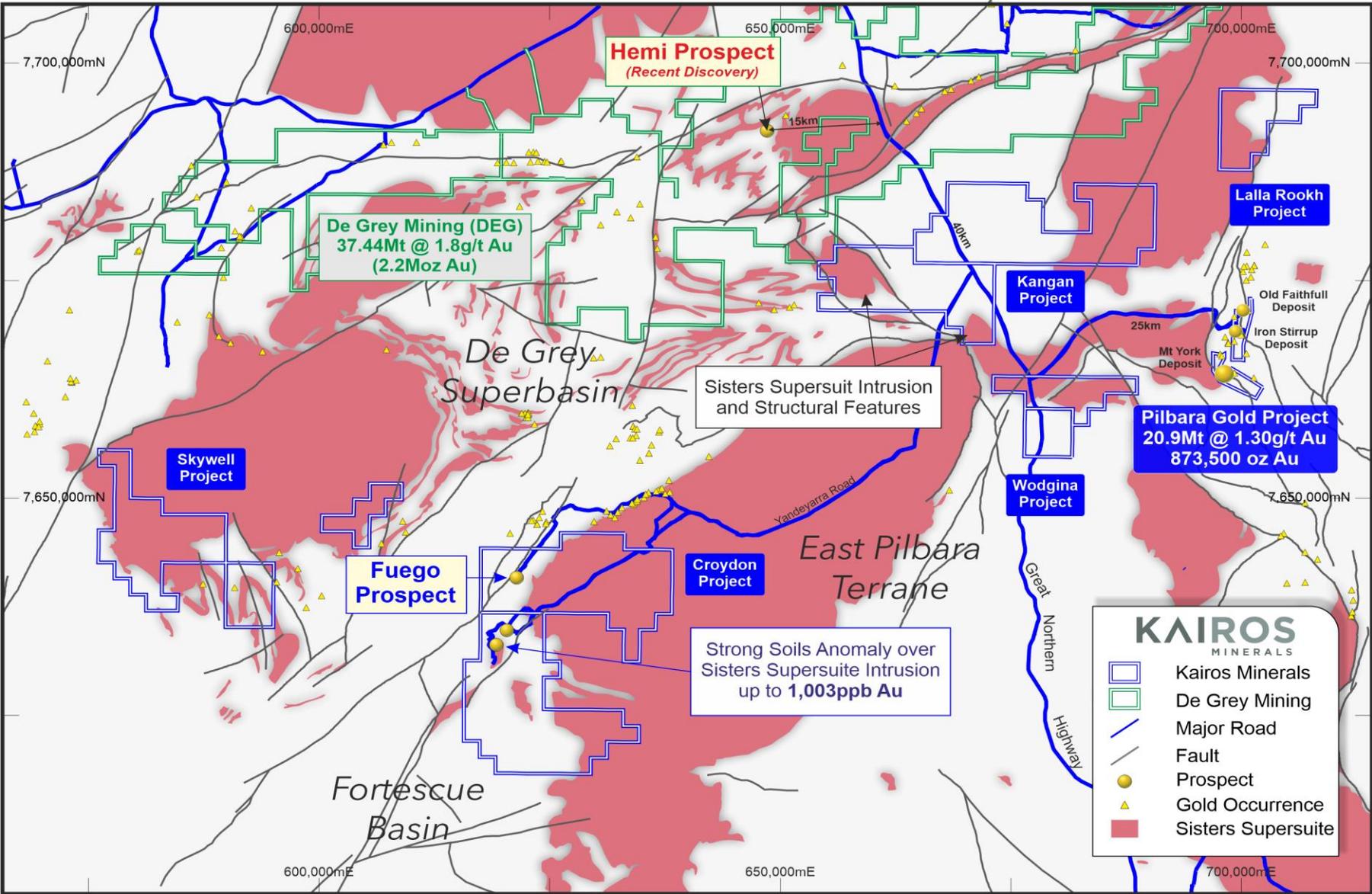
# \$A Gold Price Update – 1 year and 3 year charts



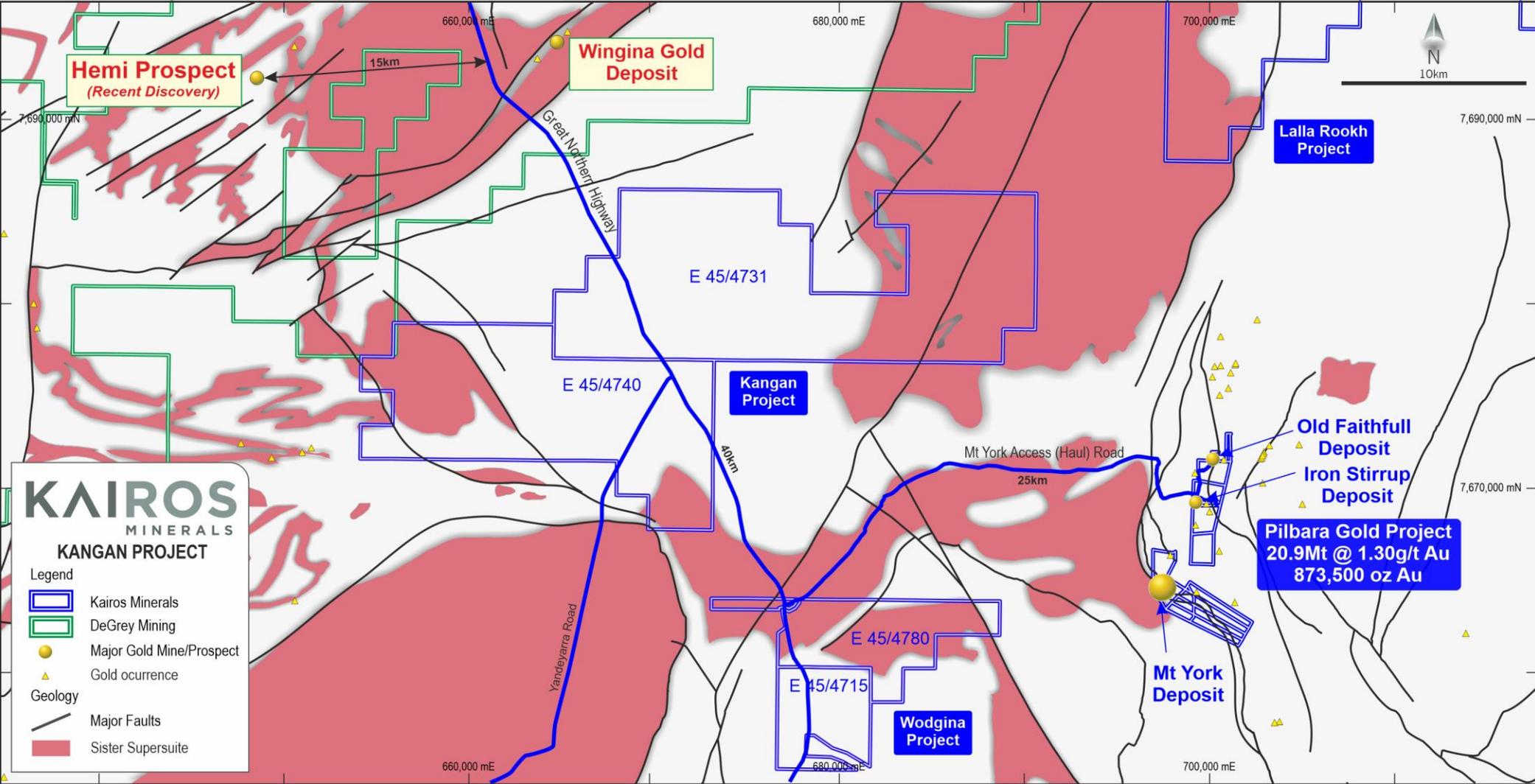
# The Hemi Effect: Exploration success



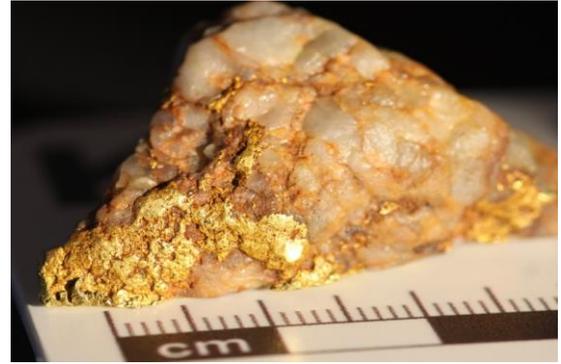
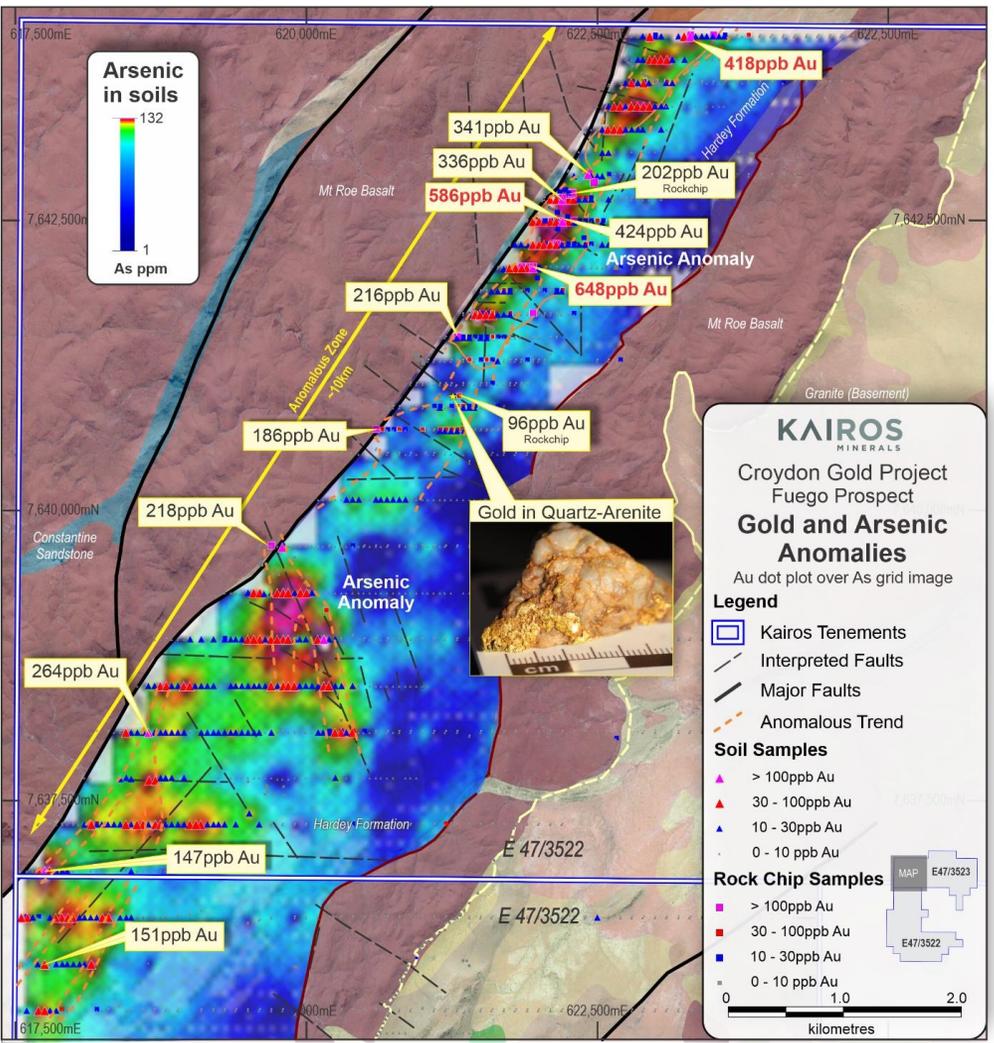
# Pilbara Regional - Hemi style intrusive related gold targets



# Kangan Project – 90 km South of Port Hedland WA

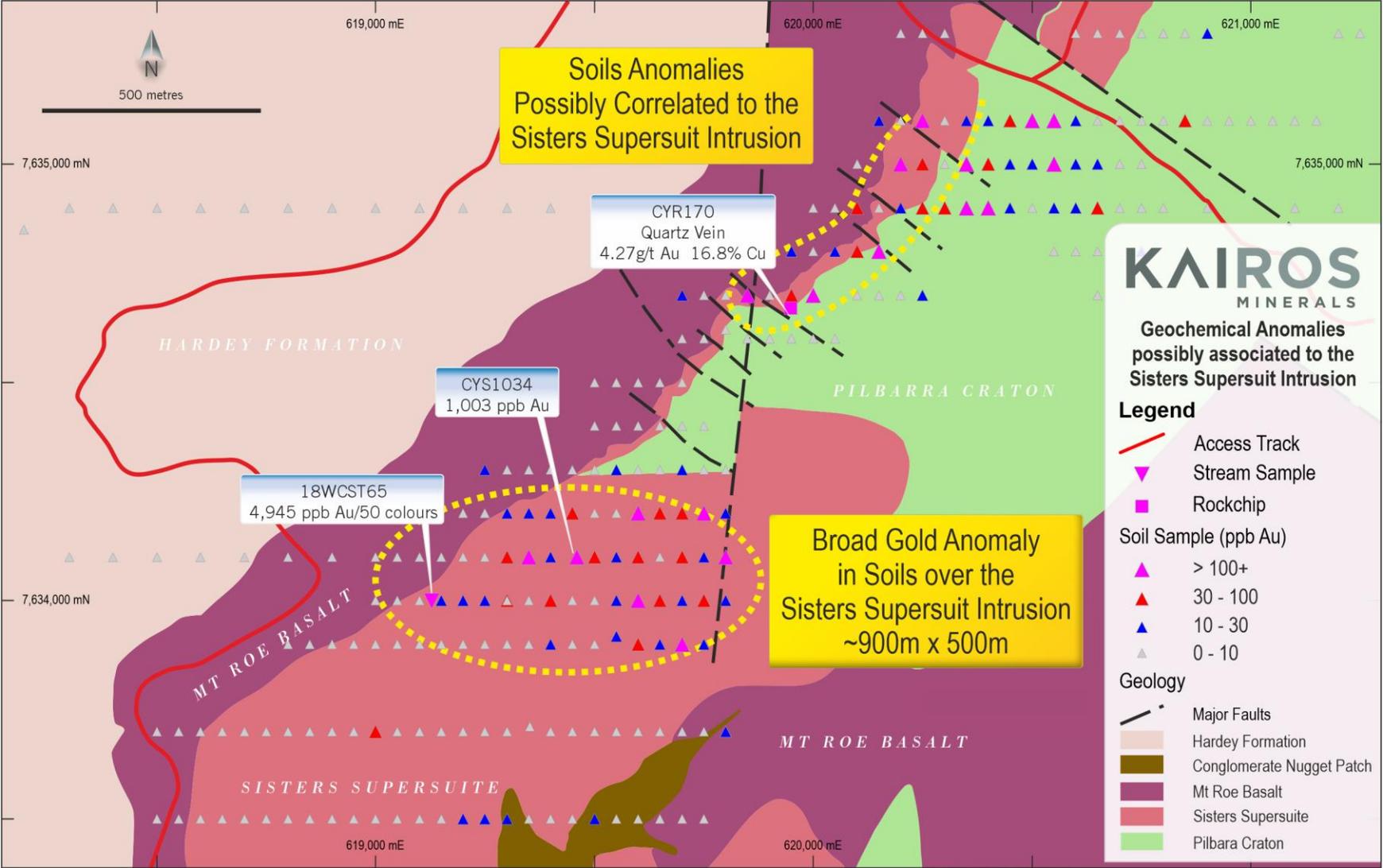


# Fuego Prospect – extensive high tenor gold anomaly

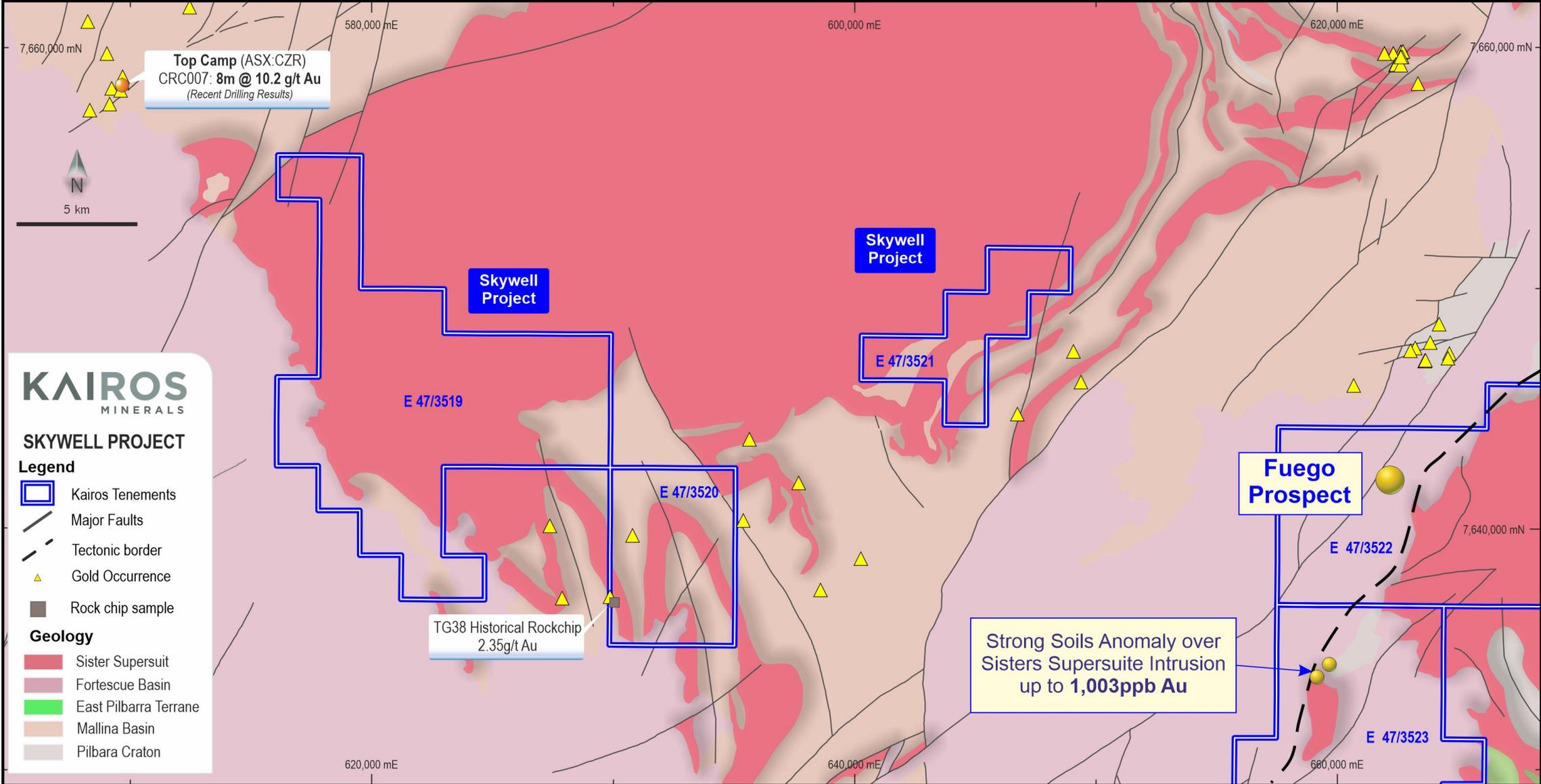


- Soil anomalism associated with sedimentary units of the Hardey Formation, also host to the Paulsens gold deposit in the Pilbara.
- The 150m to 200m wide anomaly extends over a strike length of 8km above a 30ppb Au cut-off and includes a high-grade 1.1km long core above a 100ppb Au cut-off which has returned peak values of up to 648ppb gold (0.64g/t).
- Analysis of the specimen gold (above) within the quartz arenite (sandstone) highlighted by a consistency of the silver/gold ratio, the presence of galena (lead sulphide) and the celadonite (mica) associated with the gold are indicative that the gold is primary and not redeposited.

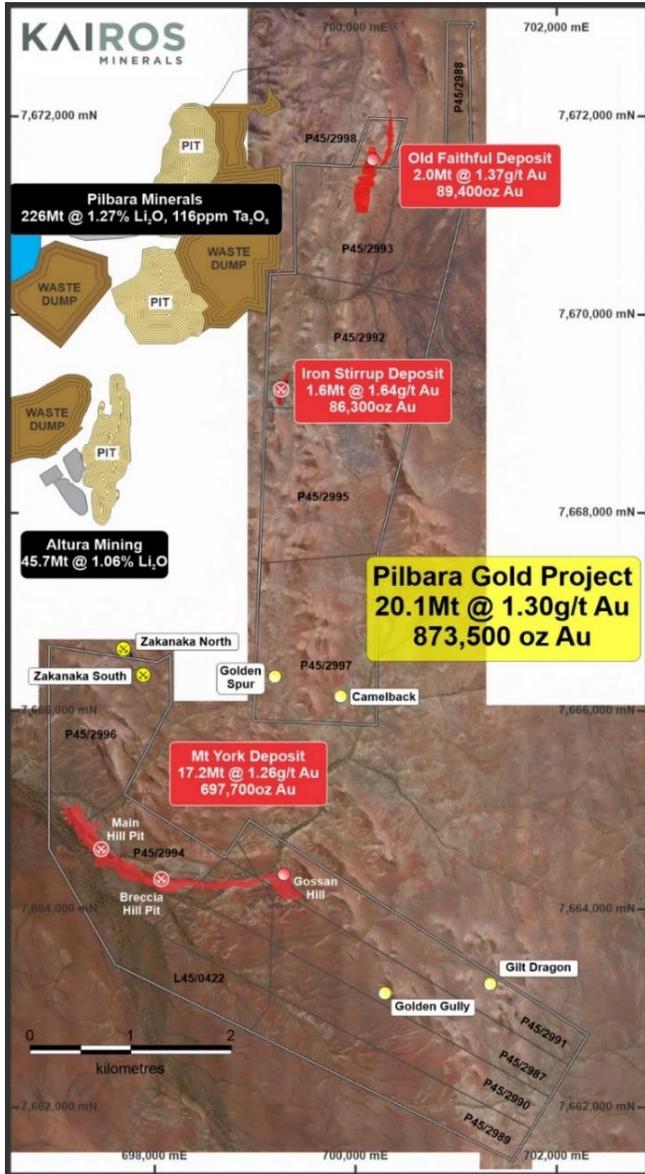
# Croydon Project – soil anomalies over mapped intrusives



# Skywell Project – further intrusive related gold potential



# Pilbara Gold Project – 3 Deposits 873,000 ounces



- The recently updated Mineral Resource will underpin the commencement of open pit mining studies for the Pilbara Gold Project.
- The deposits are adjacent to the Lithium mines currently operated by Pilbara Minerals and Altura Mining some 25km from the Great Northern High south of Port Hedland.
- Historic mining occurred at the Breccia Hill, Main Hill, Iron Stirrup, Zakanaka and McPhee’s deposits in the mid-1990s. A total of 125,493oz of gold was recovered from 2.114 million tonnes of ore with an average grade of 1.85g/t gold during the 4-year period from 1994 to closure of the mines in 1998.

Deposit	Indicated			Inferred			Total		
	Tonnes (kt)	Au (g/t)	Ounces (koz)	Tonnes (kt)	Au (g/t)	Ounces (koz)	Tonnes (kt)	Au (g/t)	Ounces (koz)
Mt York	6,844	1.29	284	10,419	1.23	413	17,263	1.26	698
Iron Stirrup	797	1.63	41	843	1.65	45	1,639	1.64	86
Old Faithful	925	1.33	39	1,102	1.41	50	2,027	1.37	89
<b>Total</b>	<b>8,565</b>	<b>1.33</b>	<b>366</b>	<b>12,364</b>	<b>1.28</b>	<b>507</b>	<b>20,929</b>	<b>1.30</b>	<b>873</b>

Note: Numbers may not total due to rounding

- (1) Resources are constrained by depths determined by a whittle shell that assumed basic economic parameters
- (2) Mt York comprises of the Breccia Hill, Main Hill and Gossan Hill deposits
- (3) Resource was previously released to the ASX on 4 March 2020

# KAIROS MINERALS – Key investment takeaways

- High quality strategic ground position at the epicentre of the expanding Pilbara gold story.
- The Company has remained focussed on gold exploration over the last 2 years in the Pilbara.
- Continued exploration success at Croydon Project, Pilbara WA
- 873,000oz Au resource with outstanding upside.
- Kangan Project / Skywell Project– new Hemi style intrusive target areas.
- Field exploration set to commence in late May.
- Sustained \$A gold price of A\$2500 - A\$2,700.
- ASX Code KAI
- Market Capitalisation of \$11 million

# Competent Person's Statements

## COMPETENT PERSON STATEMENT – RESOURCES

*The information in this report that relates to the Mineral Resources based on information compiled by Mr Richard Maddocks who is a Fellow of AusIMM working for Auralia Consulting Pty Ltd. Mr Maddocks 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 (CP) as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Maddocks consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Where the Company refers to the Mineral Resources in this report (referencing this release made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in the announcement and all material assumptions and technical parameters underpinning the resource estimate with that announcement continue to apply and have not materially changed.*

## COMPETENT PERSON STATEMENT – EXPLORATION RESULTS

*The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled and reviewed by Mr Terry Topping, who is the Chairman for Kairos Minerals Ltd and who is a Member of The Australian Institute of Mining and Metallurgy. Mr Topping has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person 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 Topping has consented to the inclusion in the report of the matters based on his 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.*