



KAIROS
MINERALS

ASX Code: KAI

A Two-Pronged Growth Opportunity in West Australian Gold

Joshua Wellisch, Managing Director

121 Mining Conference, New York, June 2017

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Corporate Overview

ASX	Shares on Issue	Options on Issue (KAIOE)	Share Price	Market Cap	12-Month Range	Cash on hand	Top 20 Holders
KAI	448M	153M	2.1c	~\$9.4M	2.0-11.8c	~\$2.5m*	25%

Board of Directors

Terry Topping – Executive Chairman

Joshua Wellisch – Managing Director

Neil Hutchison – Non-executive Director



* Pro forma after completion of \$2M share placement and underwritten SPP announced 9 May 2017



Kairos Minerals share price and volume – as at 1st June 2017



Overview

Two West Australian gold projects

‘Large scale gold potential, hidden under thin cover, in premier mining districts’

▶ **Roe Hills – Eastern Goldfields (Kalgoorlie)**

- ▶ *Adjacent to Breaker Resources (ASX: BRB) new Lake Roe discovery*
- ▶ *Maiden drilling program returned significant gold mineralisation at each of the three key prospects tested*
- ▶ *Prospective strike length of +40km – largely untested*

▶ **Mount York – Pilbara (Port Hedland)**

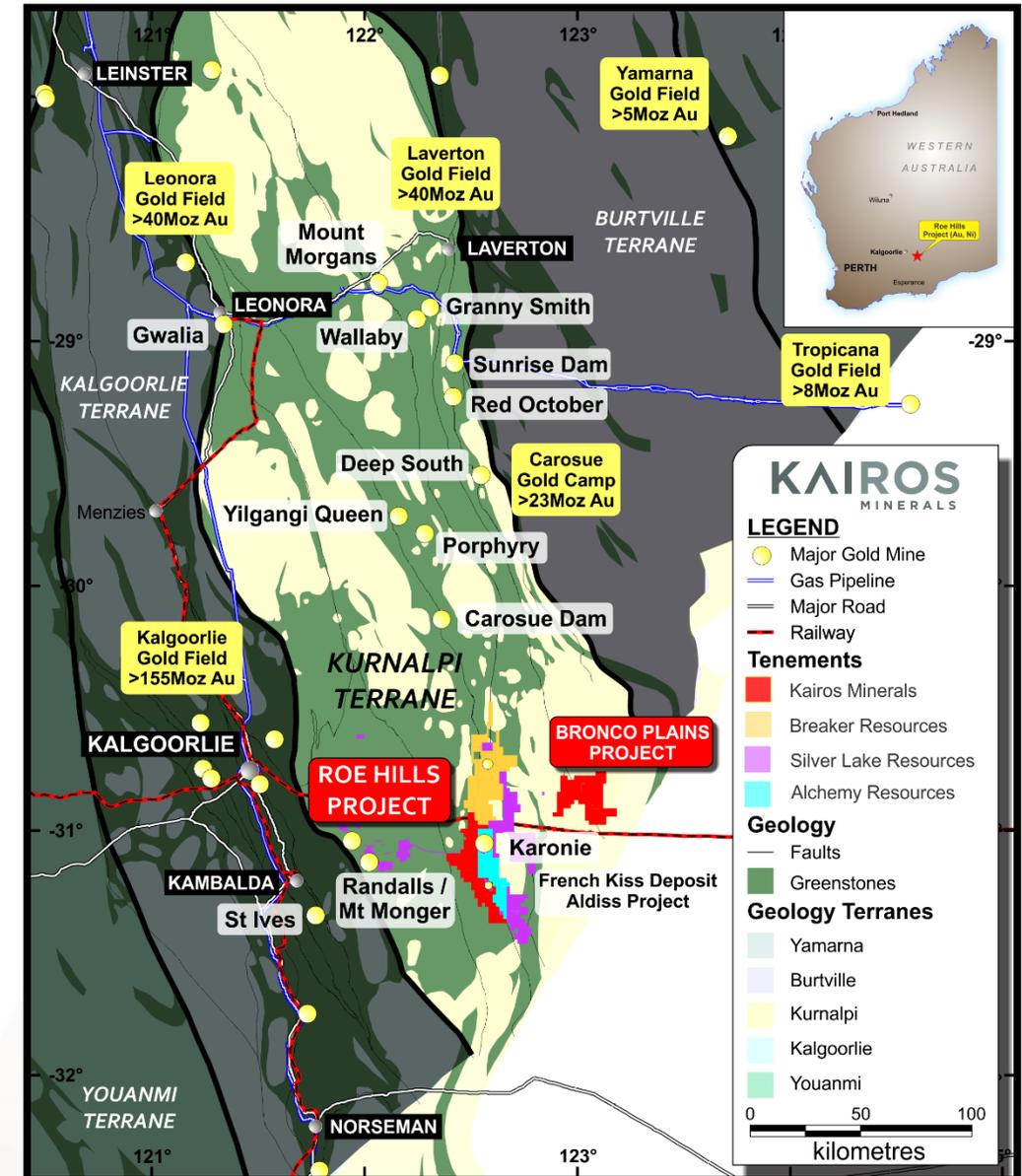
- ▶ *Production history – 125,493oz (1994-1998)*
- ▶ *258,000oz resource¹*
- ▶ *Outstanding results from maiden drilling program:*
 - ▶ *Wide, high-grade intercepts outside existing resource boundary*
 - ▶ *Gold system may be significantly larger than initially thought*



For full Mineral Resource Statement for Mount York, including resource classifications, see Slides 18 and 19 and ASX Announcement – 5 October 2016

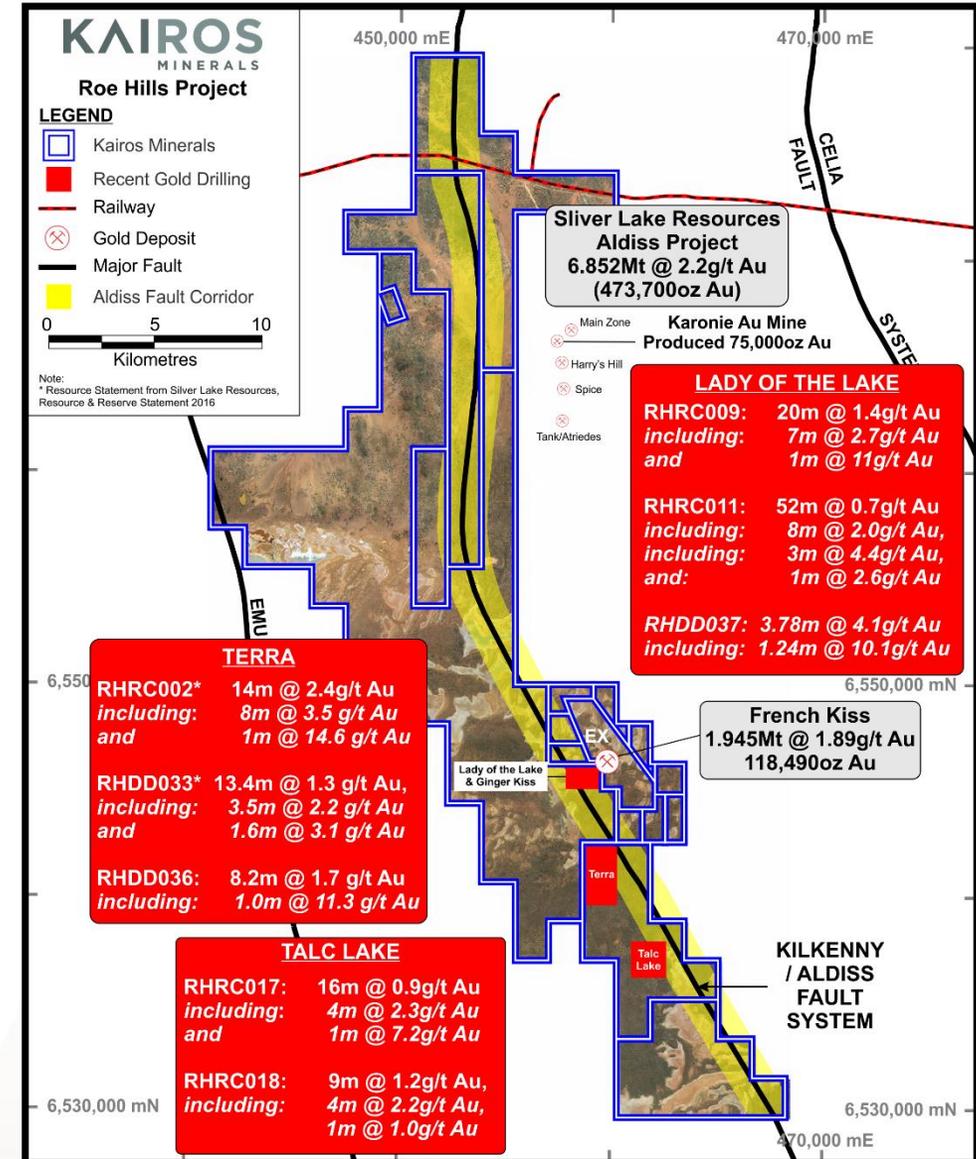
Roe Hills Gold Project – Emerging Tier 1 Gold District

- ▶ 324km² land-holding 120km east of Kalgoorlie
- ▶ Adjoins Breaker Resources and Silver Lake Resources projects
- ▶ ~40km strike length of southern extensions of Leonora-Laverton greenstone belts (~30Moz endowment)



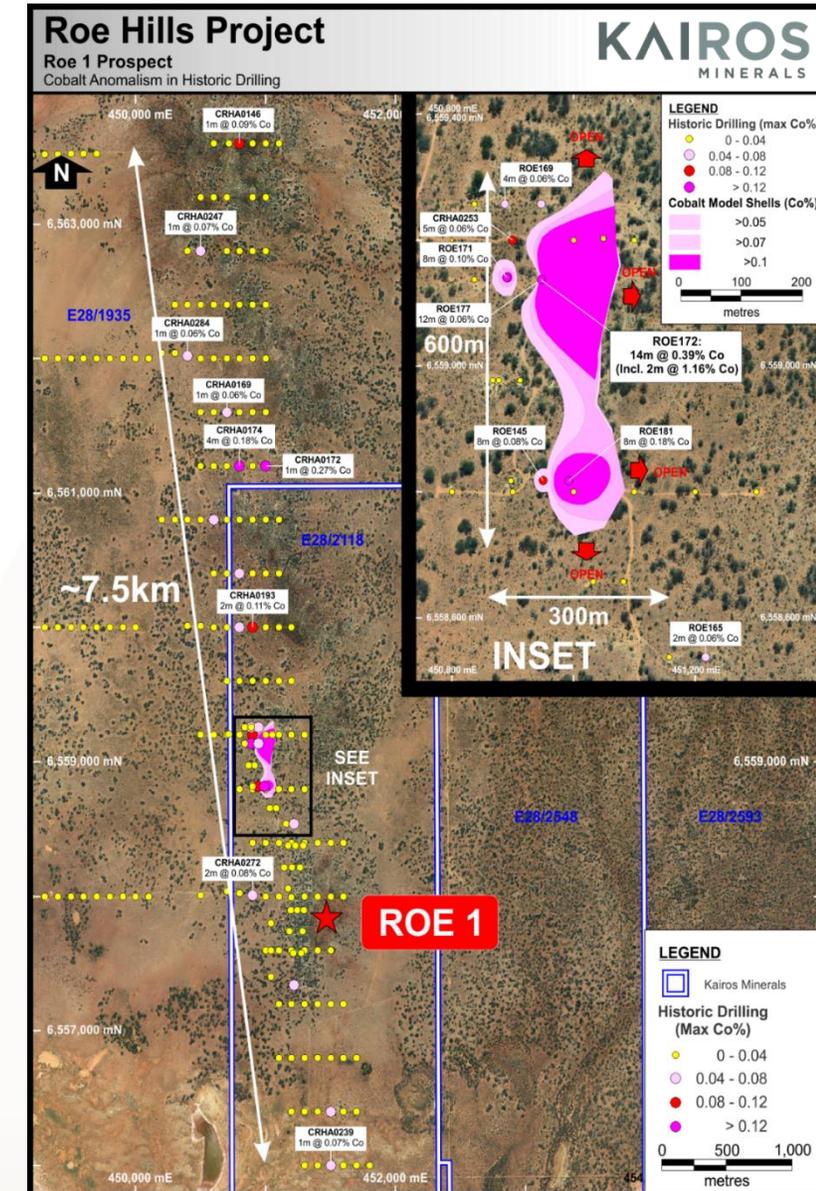
Roe Hills Gold Project – Outstanding Gold Potential

- ▶ Results from Phase 1 reconnaissance drilling confirm significant gold mineralisation at all three key prospect areas tested
- ▶ Significant results include:
 - ▶ 14m @ 2.39g/t gold from 79m (Terra Prospect)
 - ▶ 21m @ 1.06g/t gold from 94m (Lady of the Lake Prospect)
 - ▶ 54m @ 0.52g/t gold from 4m (Lady of the Lake Prospect)
 - ▶ 16m @ 0.87g/t gold from 106m (Talc Lake Prospect)
- ▶ Drilling indicates potential for Roe Hills to host significant gold mineralisation along a largely untested prospective strike length of +40km
- ▶ Drilling underway May 2017



Roe Hills Project – Exciting Cobalt Opportunity

- ▶ Review of historical exploration data indicates strike extensive, near surface cobalt mineralisation at ROE 1 prospect:
 - ▶ *ROE172: 14m @ 0.39% Co (including 2m @ 1.16% Co from 20m)*
- ▶ Anomalous cobalt identified over a total strike distance of ~7.5km and at numerous other prospects
- ▶ Drilling completed May 2017 with results pending



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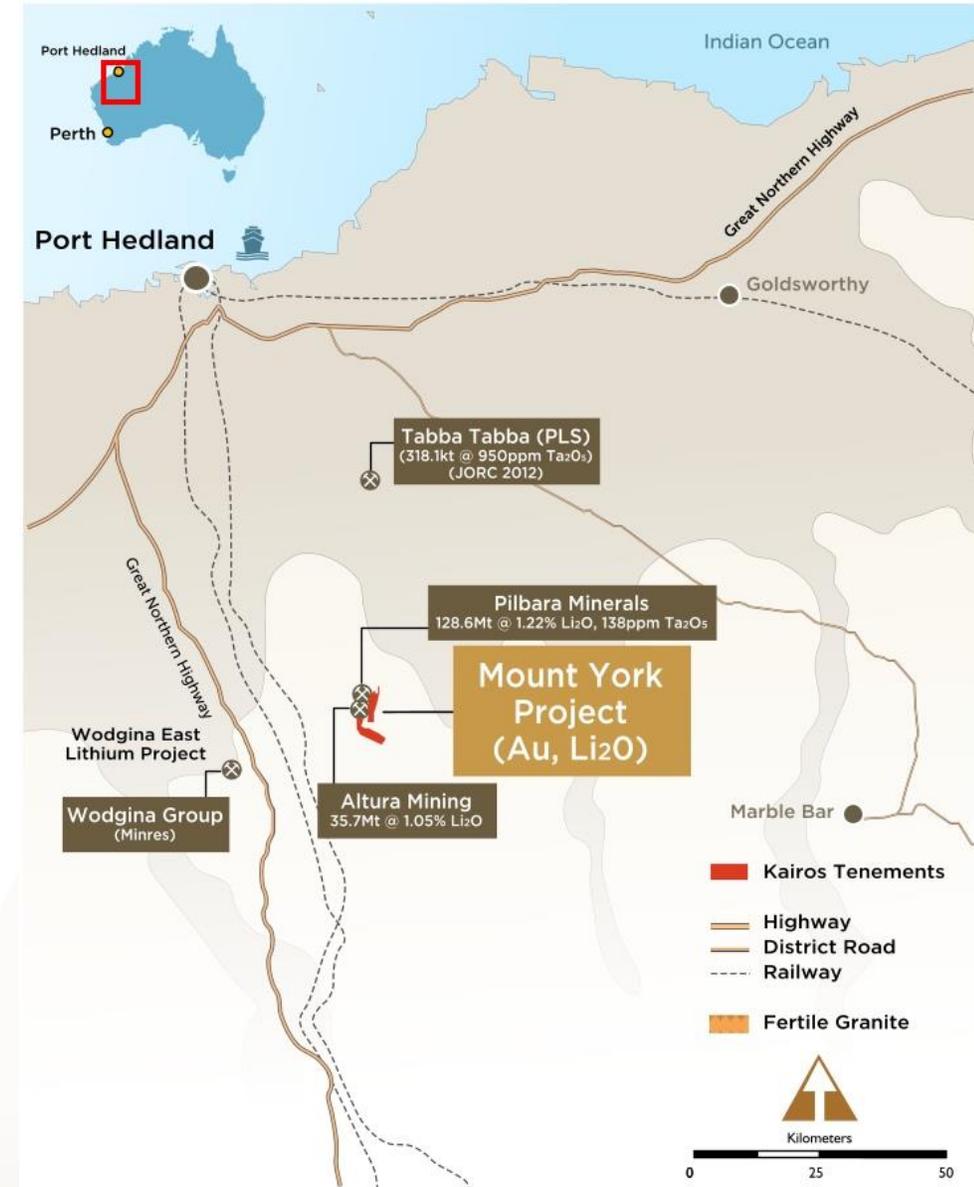
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Mount York Gold-Lithium Project

- ▶ Tier-1 mining district
- ▶ Under-explored for gold
- ▶ Recent exploration success driving new wave of gold exploration:
 - ▶ *Northern Star (Paulsens ~1Moz)*
 - ▶ *Millennium Minerals (Nullagine ~2Moz)*
 - ▶ *Capricorn Metals (Karlawinda ~1Moz)*



Mount York – New Life for a Rich Pilbara Goldfield

Gold Price AU\$ – 1997-2017

The former Lynas gold mine produced 125,493oz between 1994 and 1998



1997

Gold price US\$287/oz and exchange rate 80c
(AUD gold price = A\$350/oz)

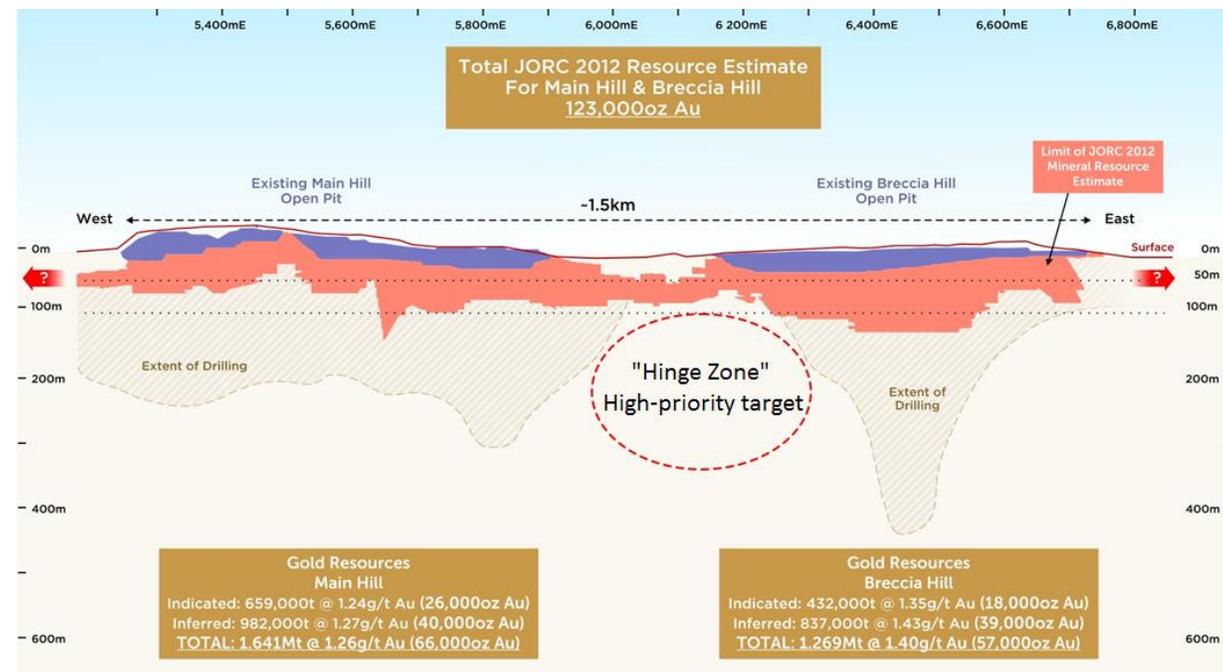
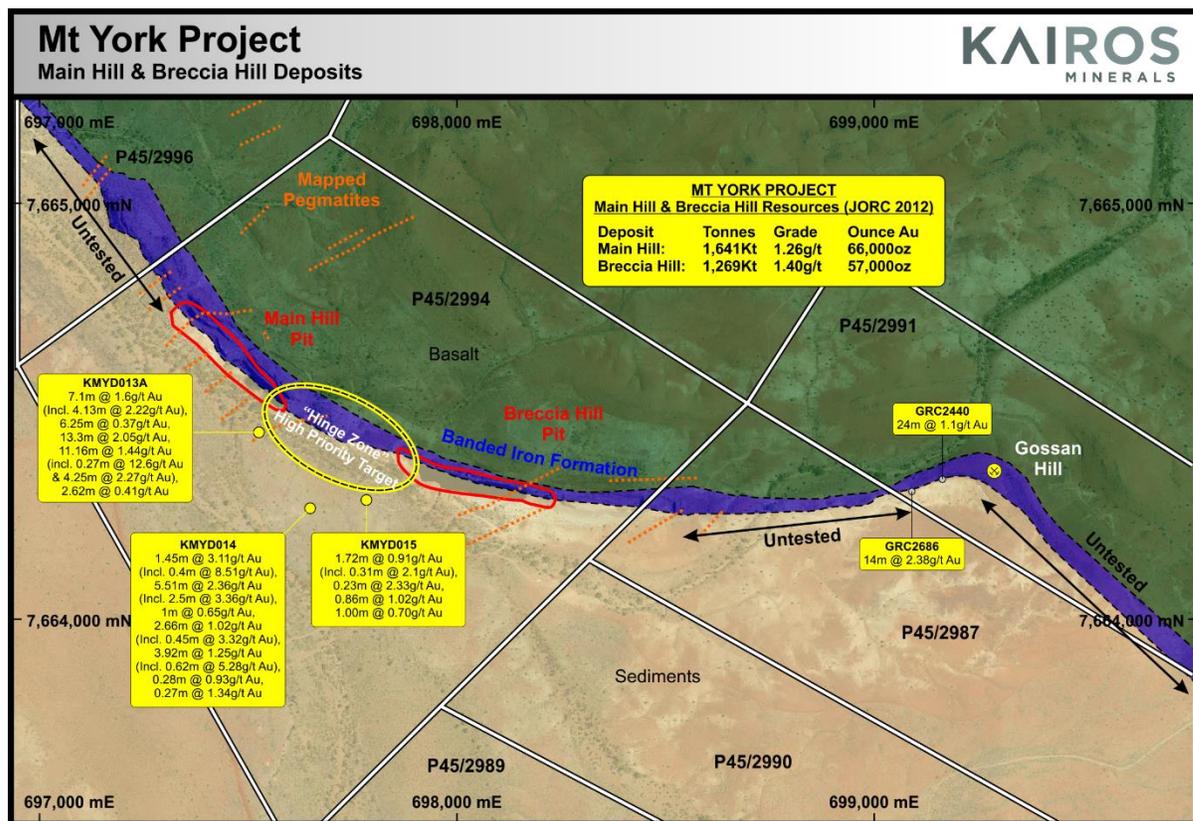
Total production = A\$45M

TODAY

Gold price ~US\$1,270 and exchange rate 75c
(AUD gold price \$1,693)

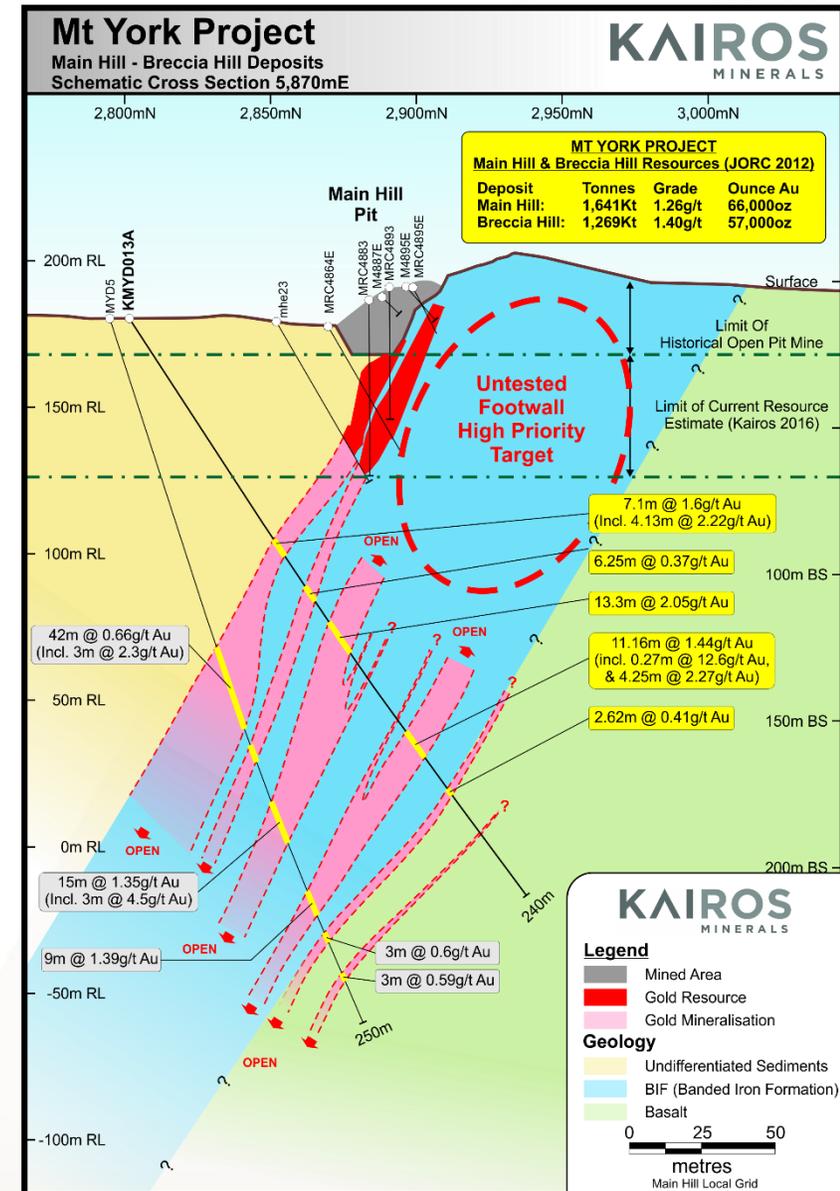
Total production = A\$212M

Mount York – Main Hill & Breccia Hill Deposits



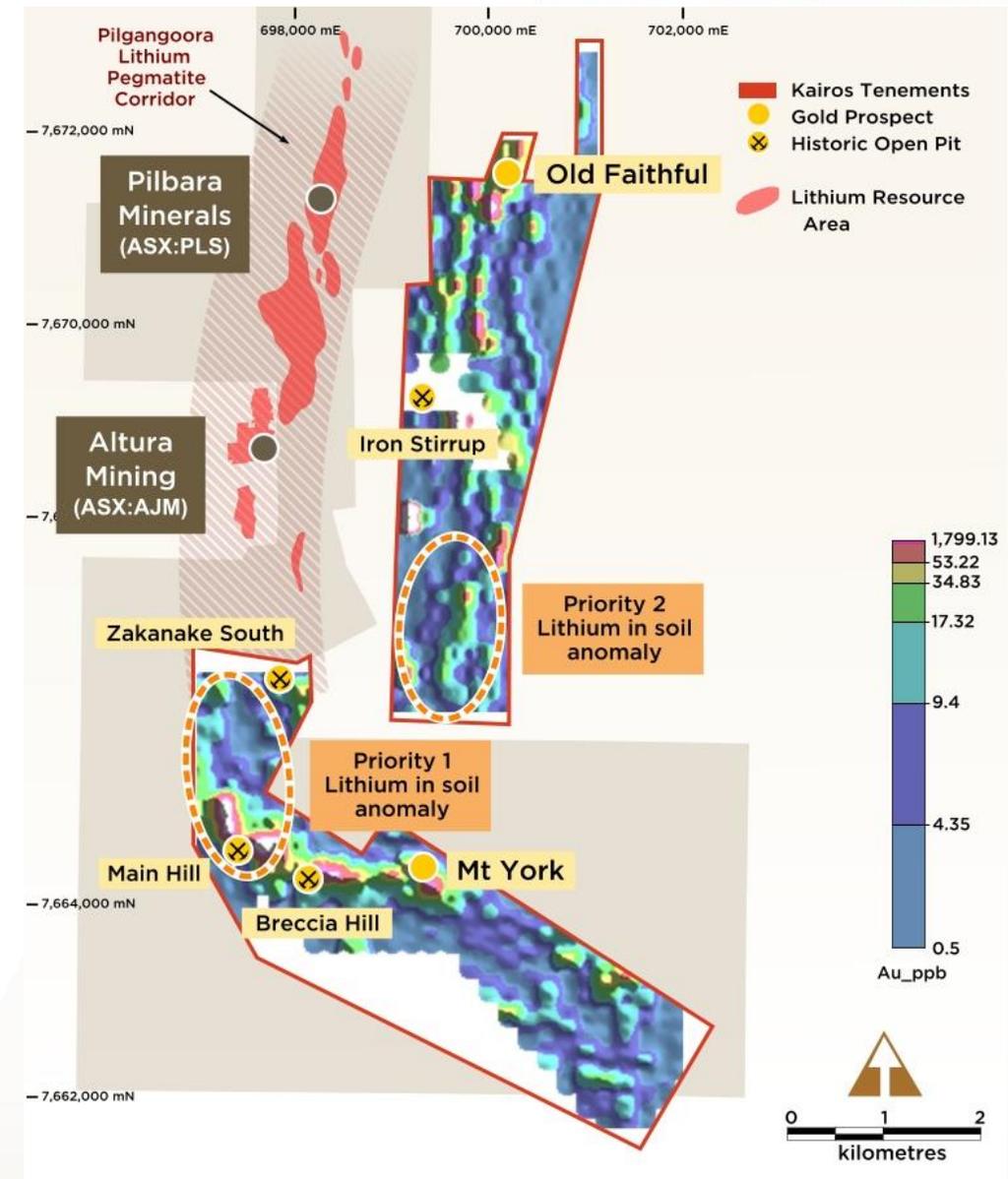
Mount York – Hinge Zone

- ▶ Recent successful drilling confirms potential of entire ~2km strike at Main and Breccia Hill BIF
- ▶ Key structural target with potential to rapidly expand the current resource
- ▶ Three diamond drill-holes:
 - ▶ *Wide, high-grade gold intercepts located well outside the existing resource envelope*
 - ▶ *Indicate Main Hill and Breccia Hill are linked, and gold system is significantly larger than thought*
 - ▶ *Confirms stacked lodes remain untested near surface and are open both up- and down-dip,*



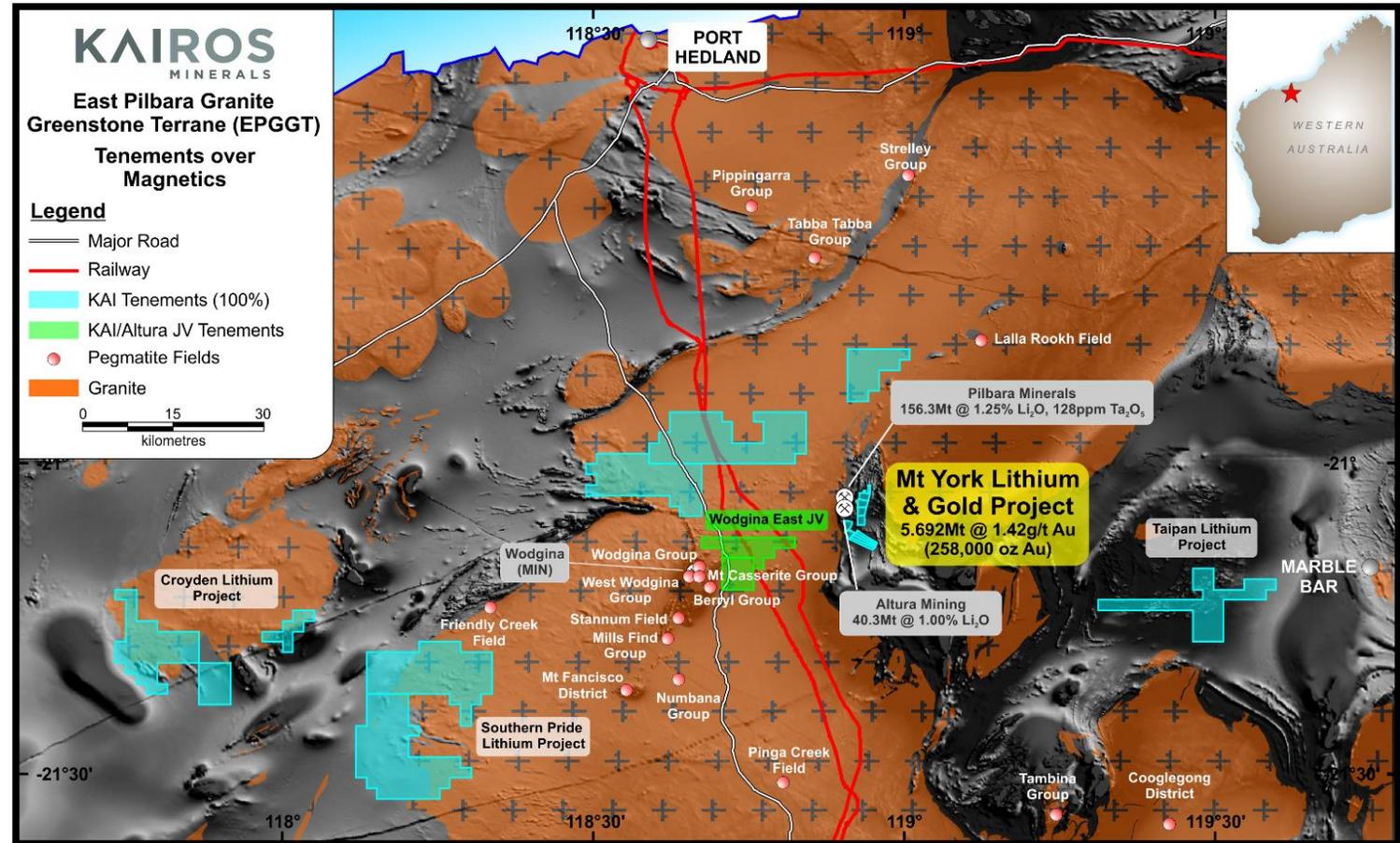
Mount York – World-Class Lithium Potential

- ▶ Pegmatites widely distributed throughout the area
- ▶ Ultra-detailed airborne geophysical survey completed
- ▶ Strong Lithium-Caesium-Tantalum (LCT) anomaly (+2km strike) identified
- ▶ Exploration continuing



East Pilbara – Lithium Portfolio

- ▶ Extensive portfolio in premier lithium district
- ▶ Dominant footprint in preferred geological corridor +2500km²
- ▶ Priority target areas identified in main pegmatite target corridor
- ▶ East Pilbara Granite Greenstone Terrane



Summary – Key Investment Takeaways

258,000oz Au resource at Mt York with outstanding upside

Large scale mineralisation potential in new gold district at Roe Hills
~120km east of Kalgoorlie, Western Australia

Outstanding results from maiden drilling programs at both projects

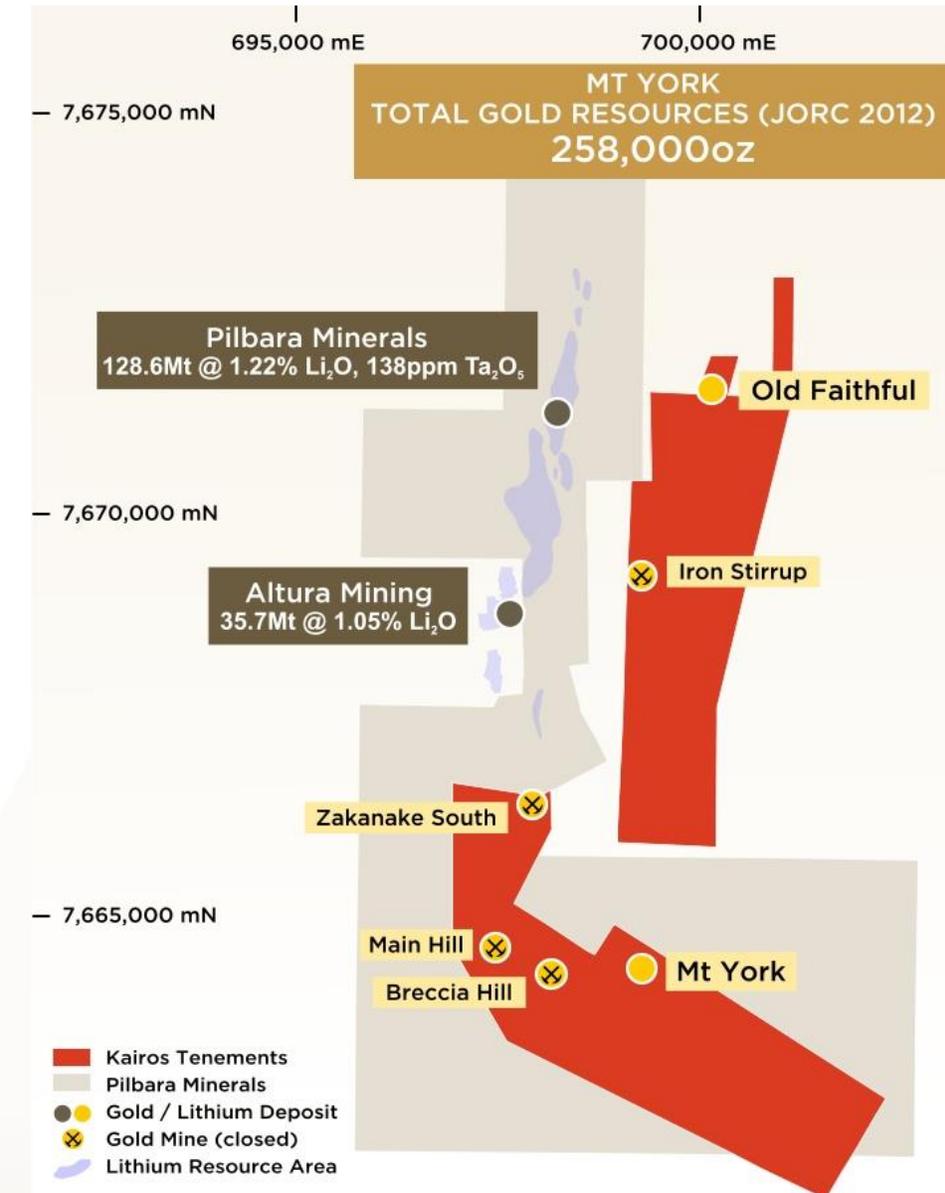
Follow-up drilling underway May 2017 - strong news-flow

Well-funded – \$1M cash as at 31 March 2017 (in addition a \$2M placement and underwritten Share Purchase Plan currently in place) to underpin exploration



Mt York Project – October 2016 Mineral Resource

Prospect	Material	Category	Tonnes (kt)	Au (g/t)	Ounces (koz)
Iron Stirrup	Fresh	Indicated	421	2.22	30
		Inferred	293	1.67	15
Old Faithful	Transitional	Indicated	325	1.18	12
		Inferred	327	1.37	14
	Fresh	Indicated	609	1.41	27
		Inferred	807	1.41	37
Main Hill	Oxide	Indicated	361	0.99	11
		Inferred	339	1.16	12
	Transitional	Indicated	298	1.55	15
		Inferred	560	1.26	23
	Fresh	Inferred	83	1.85	5
Breccia Hill	Oxide	Indicated	157	1.24	6
		Inferred	154	1.01	5
	Transitional	Indicated	275	1.4	12
		Inferred	466	1.33	20
	Fresh	Inferred	217	1.96	14
Total Indicated			2,446	1.46	113
Total Inferred			3,246	1.40	145
Total Indicated + Inferred			5,692	1.42	258



For full Mineral Resource Statement for Mount York, including resource classifications, see ASX Announcement – 5 October 2016

COMPETENT PERSON STATEMENT – RESOURCES

The information in this report that relates to the Mineral Resources based on information compiled by Mr Christopher Speedy who is a Member of Australian Institute of Geoscientists working for Auralia Consulting Pty Ltd. Mr Speedy 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 Speedy 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 Steve Vallance, who is a the Technical Manager for Kairos Minerals Ltd and who is a Member of The Australian Institute of Geoscientists. Mr Vallance 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 Vallance 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.

Contributing Technical Team:

- ▶ Dr Nigel Brand
- ▶ Mr Neil Hutchison
- ▶ Mr Adrian Black
- ▶ Mr Terry Topping
- ▶ Mr Brian Naylor

Reference	ASX Announcement
1	Pilbara Minerals Limited (ASX: PLS) December Quarterly Report 2017
2	Altura Mining Limited (ASX: AJM) December Quarterly Report 2017



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Thank you.

Joshua Wellisch, Managing Director

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