



Xanadu Mines

**Creating value through
discovery in Mongolia**

SYDNEY MINING CLUB | 2 NOVEMBER 2017



FORWARD LOOKING STATEMENTS

Nature of this document: The purpose of this presentation is to provide general information about Xanadu Mines Limited (the 'Company'). Unless otherwise stated herein, the information in this presentation is based on the Company's own information and estimates. In attending this presentation or viewing this document you agree to be bound by the following terms and conditions.

Not an offer: This presentation is for information purposes only and does not constitute or form any part of any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, any securities in the Company in any jurisdiction. This presentation and its contents must not be distributed, transmitted or viewed by any person in any jurisdiction where the distribution, transmission or viewing of this document would be unlawful under the securities or other laws of that or any other jurisdiction. This presentation is not considered a recommendation by the Company or any of its affiliates, directors or officers that any recipient invest in the Company nor does it constitute investment, accounting, financial, legal or tax advice.

Not financial product advice: This presentation does not take into account the individual investment objectives, financial situation and particular needs of each of the Company's Shareholders. You may wish to seek independent financial and taxation advice before making any decision in respect of this presentation. Neither the Company nor any of its related bodies corporate is licensed to provide financial product advice in respect of the Company's securities or any other financial products.

Forward-looking statements: Certain statements in the presentation are or may be "forward-looking statements" and represent the Company's intentions, projections, expectations or beliefs concerning, among other things, future operating and exploration results or the Company's future performance. These forward looking statements speak, and the presentation generally speaks, only at the date hereof. The projections, estimates and beliefs contained in such forward looking statements necessarily involve known and unknown risks and uncertainties, and are necessarily based on assumptions, which may cause the Company's actual performance and results in future periods to differ materially from any express or implied estimates or projections. It is recognised that it is common practice for a company to comment on and discuss its exploration in terms of target size and type. All statements contained in this presentation by the Company which refer to the potential quantity and grade of the target is accompanied by a detailed explanation of the basis for the statement. The potential quantity and grade for the target is conceptual in nature and, there has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result in the determination of a mineral resource.

Disclaimer: No representation or warranty, express or implied, is made by the Company that the material contained in this presentation will be achieved or prove to be correct. Except for statutory liability which cannot be excluded, each of the Company, its directors, officers, employees, advisers and agents expressly disclaims any responsibility for the accuracy, fairness, sufficiency or completeness of the material contained in this presentation, or any opinions or beliefs contained in this document, and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this presentation or any error or omission therefrom. The Company is under no obligation to update or keep current the information contained in this presentation or to correct any inaccuracy or omission which may become apparent, or to furnish any person with any further information, unless required to do so by law. Any opinions expressed in the presentation are subject to change without notice. Recipients of this presentation should make their own, independent investigation and assessment of the Company its business, assets and liabilities, prospects and profits and losses, as well as the matters covered in this presentation. Independent expert advice should be sought before any decision based on an assessment of the Company is made.

Unverified information: This presentation may contain information (including information derived from publicly available sources) that has not been independently verified by the Company.

JORC: The information in this report that relates to the exploration results previously reported in the ASX Announcements dated 30 October 2017. The Company is not aware of any new information or data that materially affects the information included in those relevant market announcements.



PAST TWELVE MONTHS HIGHLIGHTS



DELIVERING ON A SIGNIFICANT DISCOVERY

One of the most promising Cu-Au discoveries globally

One of the highest grade porphyry discoveries

High impact drilling set to extend resource

Recent drilling intercepts of 650m at +1% CuEq from surface

A strong discovery team

High calibre exploration team with a discovery record

Financed for significant new flow

Approximately A\$11.2m in cash to support aggressive drilling.

STRONG FOUNDATION & EXPERIENCED BOARD OF DIRECTORS

Capital Structure

Share price (13 October 2017) A\$0.31

52w range A\$0.17-0.31

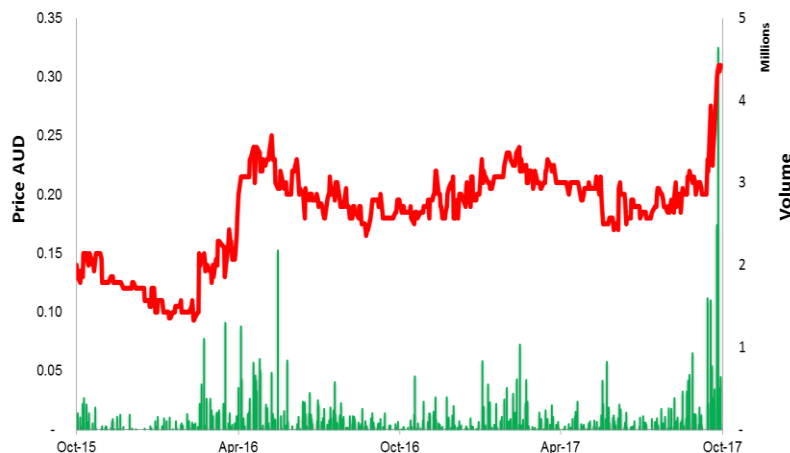
Issued shares 588.7m

Market capitalisation A\$182.5m

Cash A\$11.2m

Enterprise value A\$171.3m

Share Price Performance



Experienced Directors

Kevin Tomlinson

Non-Executive Chairman

Experienced resources company CEO, director and financier with more than 30 years' experience within the Canadian, Australian and United Kingdom Stock markets. Previous development and production boards included Chairman of Medusa Mining (ASX, AIM, TSX) and NED on Centamin Plc (ASX, AIM, LSE, TSX) and Orbis Gold (ASX).

Andrew Stewart

Managing Director & Chief Executive Officer

Geologist with over 15 years' experience in minerals exploration primarily focused on project generation and evaluation and development of exploration strategies throughout Asia and Eastern Europe. Senior technical and management positions at Ivanhoe & Vale.

Ganbayar Lkhagvasuren

Executive Director

Co-founder of Xanadu and Director since 2006. Joint venture partner in Mongol Metals LLC and brings a vital Mongolian perspective to the Board of Directors. Responsible for day-to-day operations in Mongolia.

Darryl Clark

Independent Non-Executive Director

Exploration geologist with over 20 years' experience throughout Australia, Central Asia and South East Asia. Previous corporate roles with both Vale and BHP Billiton. Responsible for business development strategies and the coordination of discovery events.

Hannah Badenach

Non-Executive Director

Director Mongolia and Head of Mongolia and Asian/Middle East base metals at Noble Resources International Pte Ltd. Extensive Mongolian, commercial and business development experience across a broad range of commodities.

Marcus Engelbrecht

Non-Executive Director

Well-rounded senior mining executive with more than 30 years industry experience. Spent 20 years with BHP Billiton and more recently was MD and CEO of a London listed gold miner operating in Indonesia. He has worked in various emerging markets across the globe, including in Africa and South East Asia.

Michele Muscillo

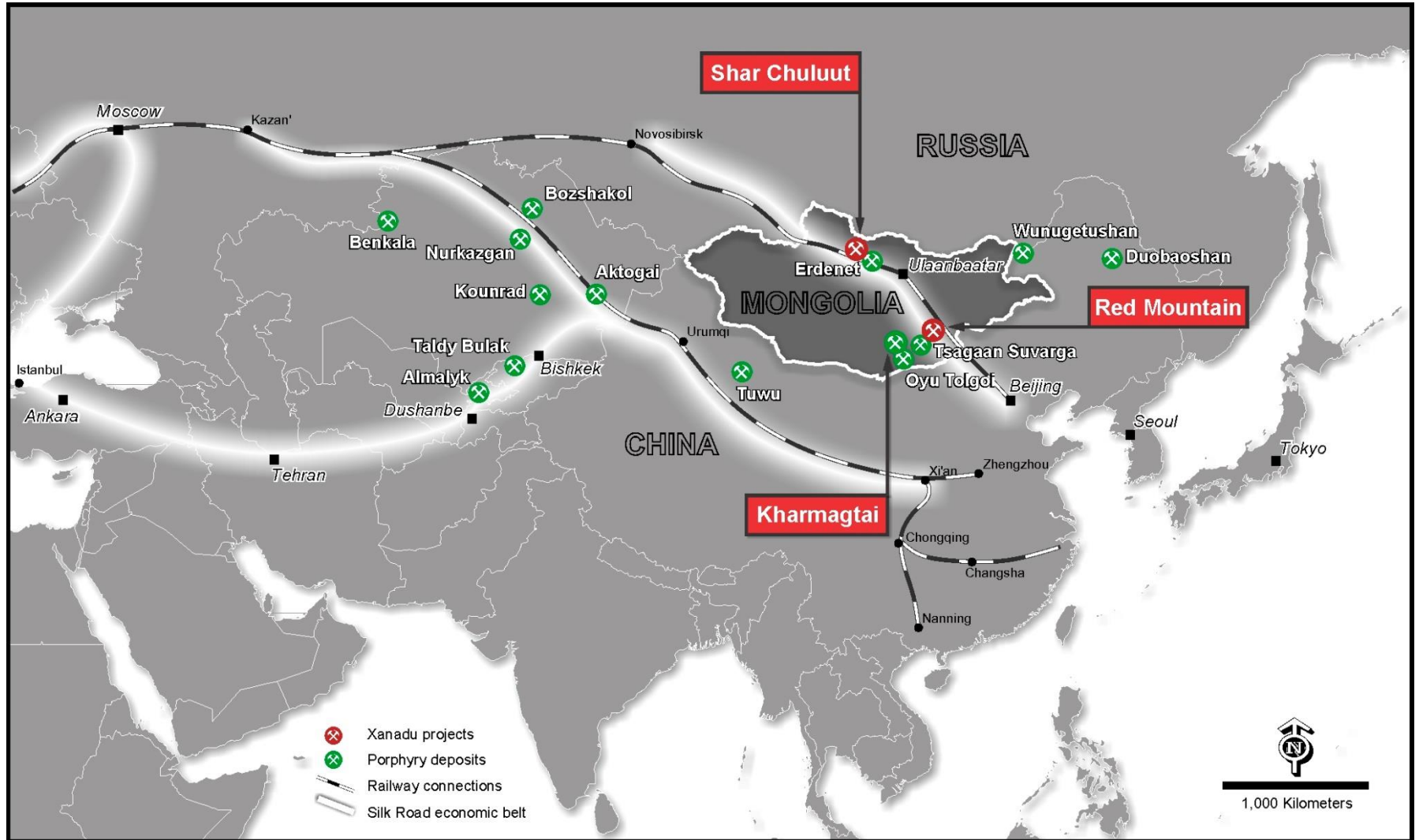
Non-Executive Director

Michele has practised exclusively in corporate law for the duration of his legal career and has extensive experience in mergers and acquisitions and capital markets transactions, including the negotiation of significant commercial contracts and agreements. His key areas of practice include Corporate Advisory and Governance, Mergers and Acquisitions, Capital Markets and Resources and Energy.



LAST GREAT EXPLORATION FRONTIERS

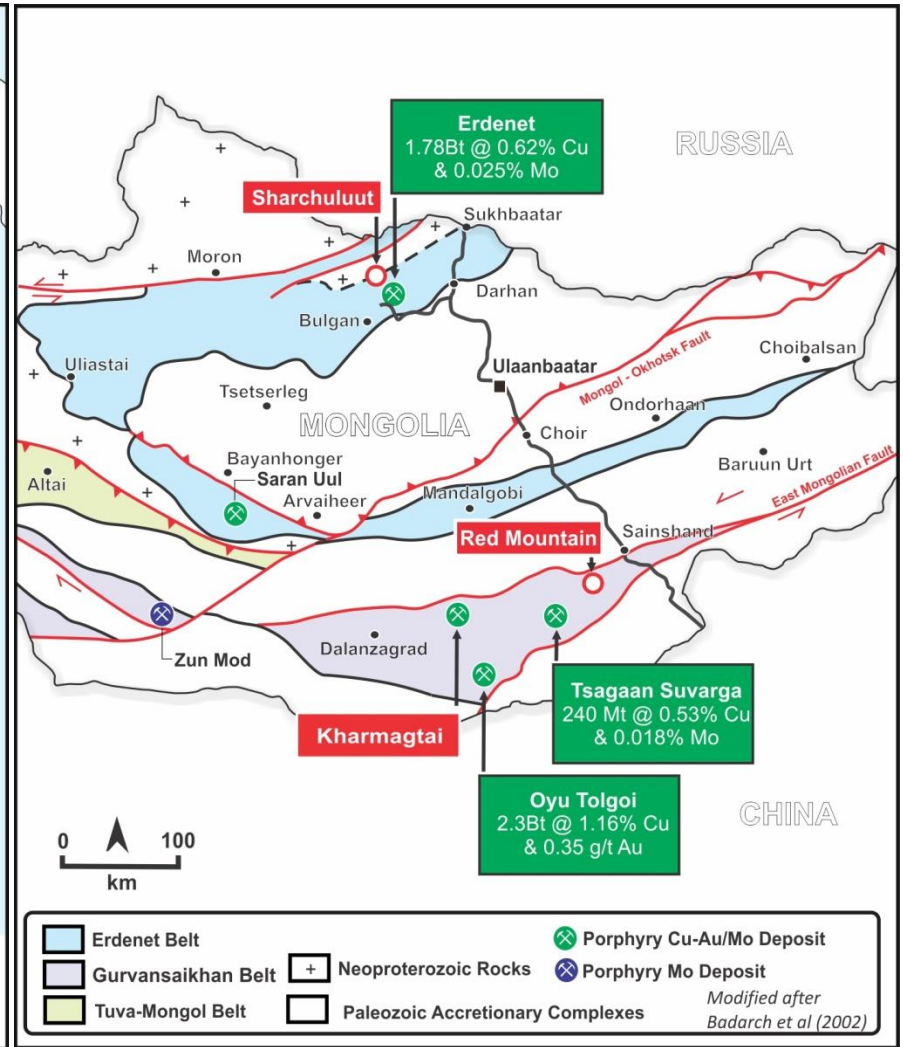
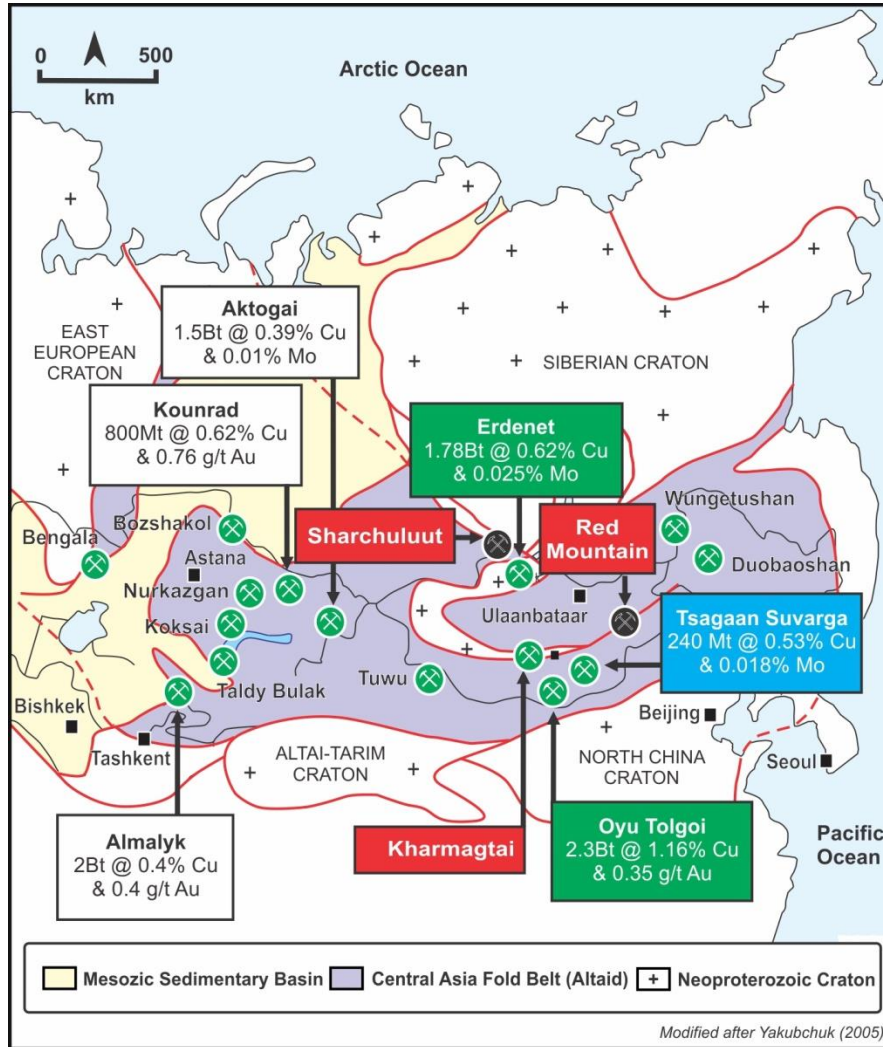
LARGE UNDEREXPLORED COPPER-GOLD PROVINCE





VASTLY UNDEREXPLORED MINERAL BELTS

MORE THAN SEVEN PORPHYRY COPPER BELTS WITH DEPOSITS >5MT CU

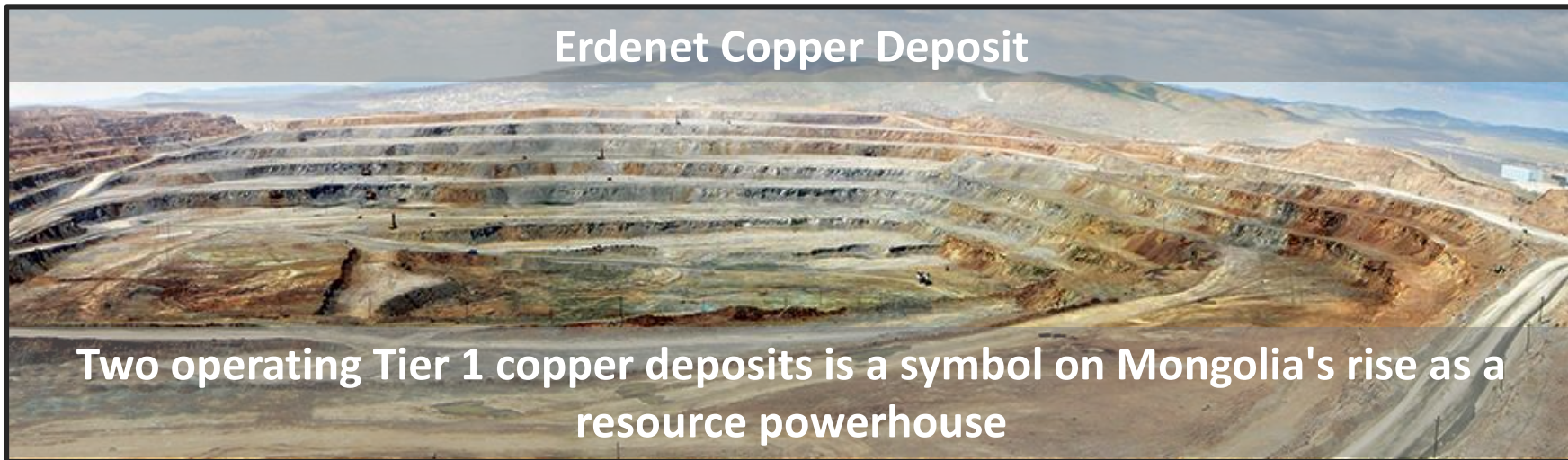




CHANGING LANDSCAPE IN MONGOLIA

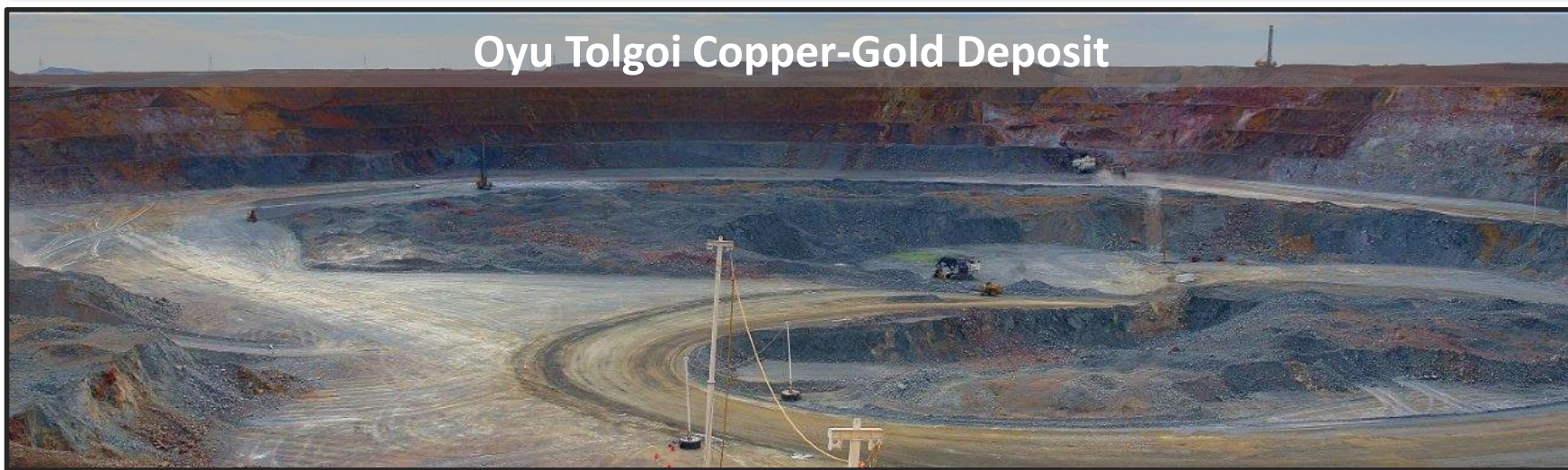
MINING & EXPLORATION INDUSTRY PLAYS A CRUCIAL ROLE

Erdenet Copper Deposit



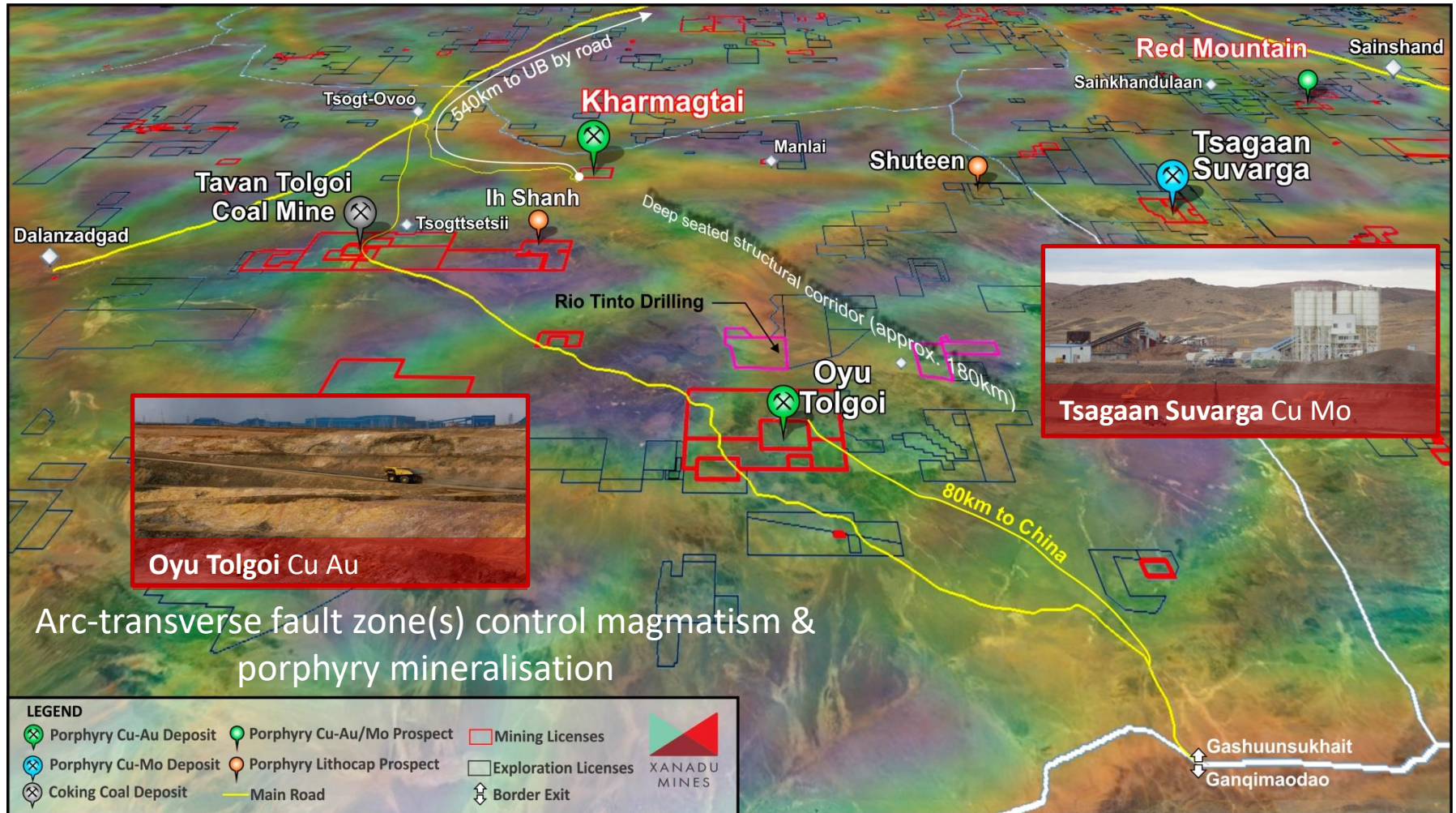
Two operating Tier 1 copper deposits is a symbol on Mongolia's rise as a resource powerhouse

Oyu Tolgoi Copper-Gold Deposit





HUNT FOR COPPER PORPHYRIES IN A WORLD CLASS DISTRICT





KHARMAGTAI PORPHYRY CU-AU DISTRICT

SIGNIFICANT DISCOVERY IN A WORLD CLASS PORPHYRY DISTRICT

1975

RECOGNITION

First porphyry Cu mineralisation

1995-1998

QGX GOLD

Early exploration focused on the shallow gold mineralisation

2001-2006

IVANHOE MINES

Exploration focused on outcropping porphyry mineralisation
Drill holes were shallow and closely spaced drilling

2015 & beyond

XANADU MINES

Exceptional exploration success
Recent drilling intercepts >650m or greater at +1% copper equivalent
Start the commercialisation process to the benefit of Xanadu's shareholders of this world class Cu-Au discovery



KHARMAGTAI PORPHYRY CU-AU DISTRICT

LARGE PORPHYRY DISTRICT WITH MULTIPLE PORPHYRY CENTRES

Outcrop throughout the Kharmagtai district is sparse

Quaternary sand forming a thin cover over most of the porphyry system

Stockwork Hill

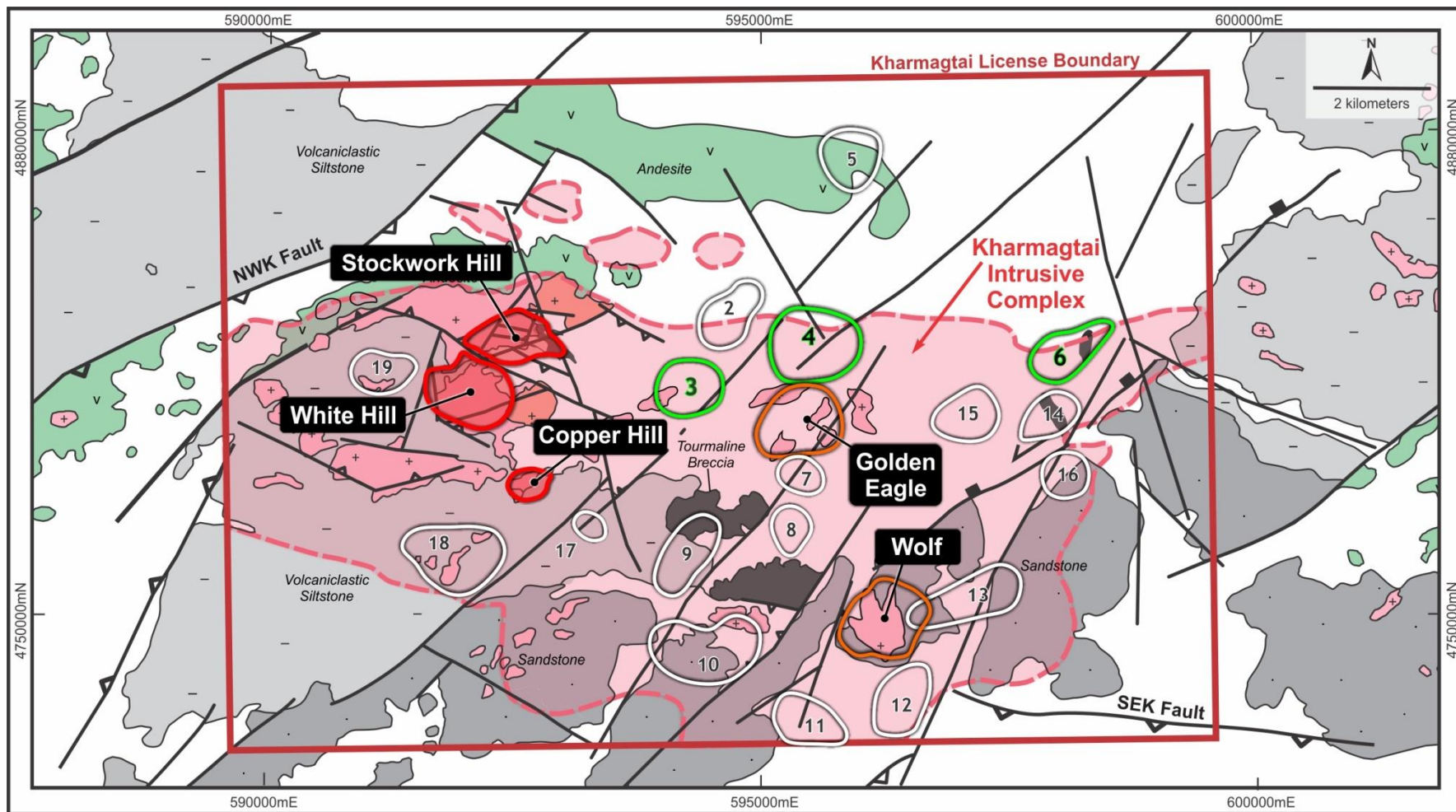
Copper Hill

White Hill



KHARMAGTAI PORPHYRY CU-AU DISTRICT

LARGE PORPHYRY DISTRICT WITH MULTIPLE PORPHYRY CENTRES



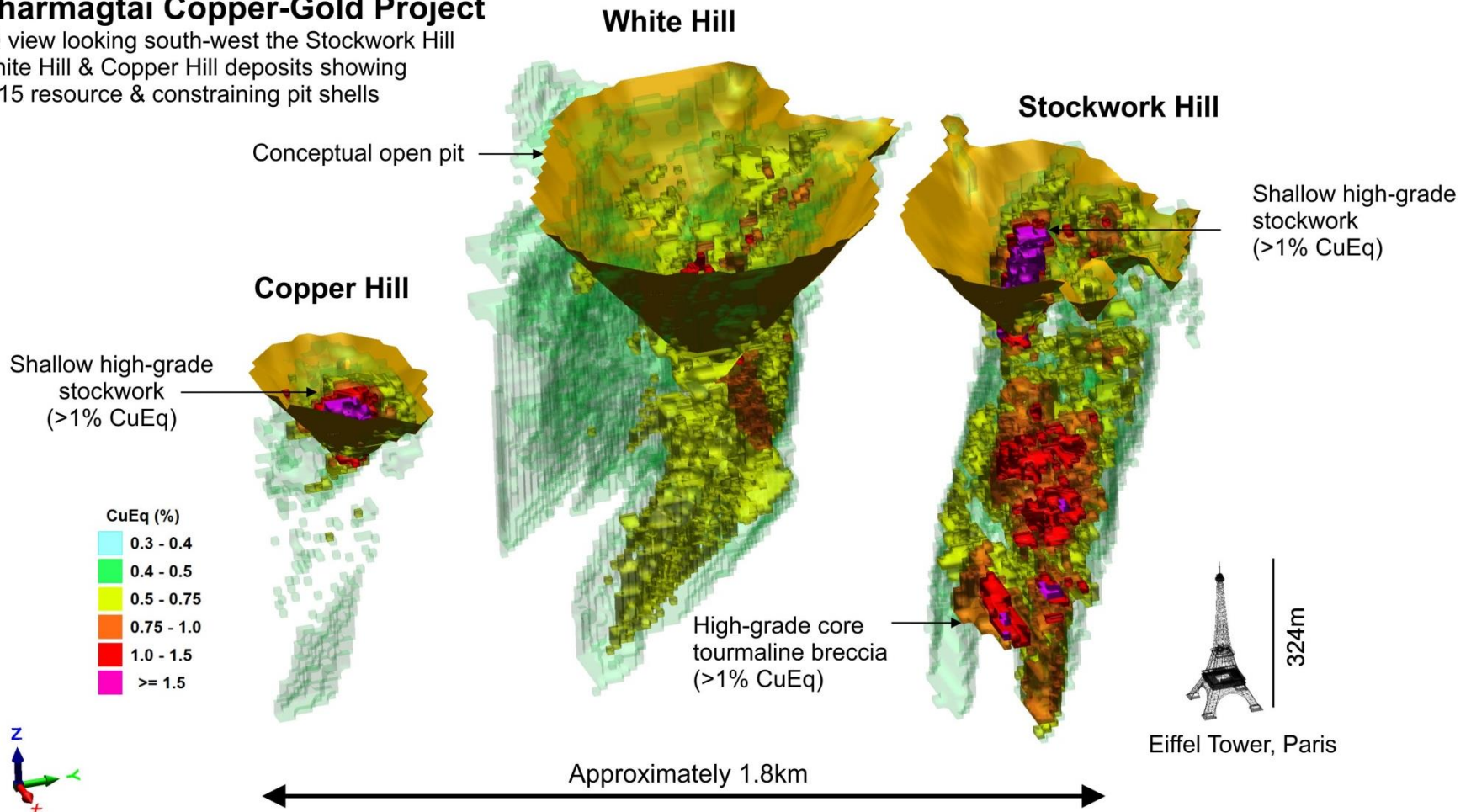


KHARMAGTAI PORPHYRY CU-AU DISTRICT

GROWING JORC RESOURCE OF 1,533 MLB CU & >2 MOZ AU*

Kharmagtai Copper-Gold Project

3D view looking south-west the Stockwork Hill
White Hill & Copper Hill deposits showing
2015 resource & constraining pit shells

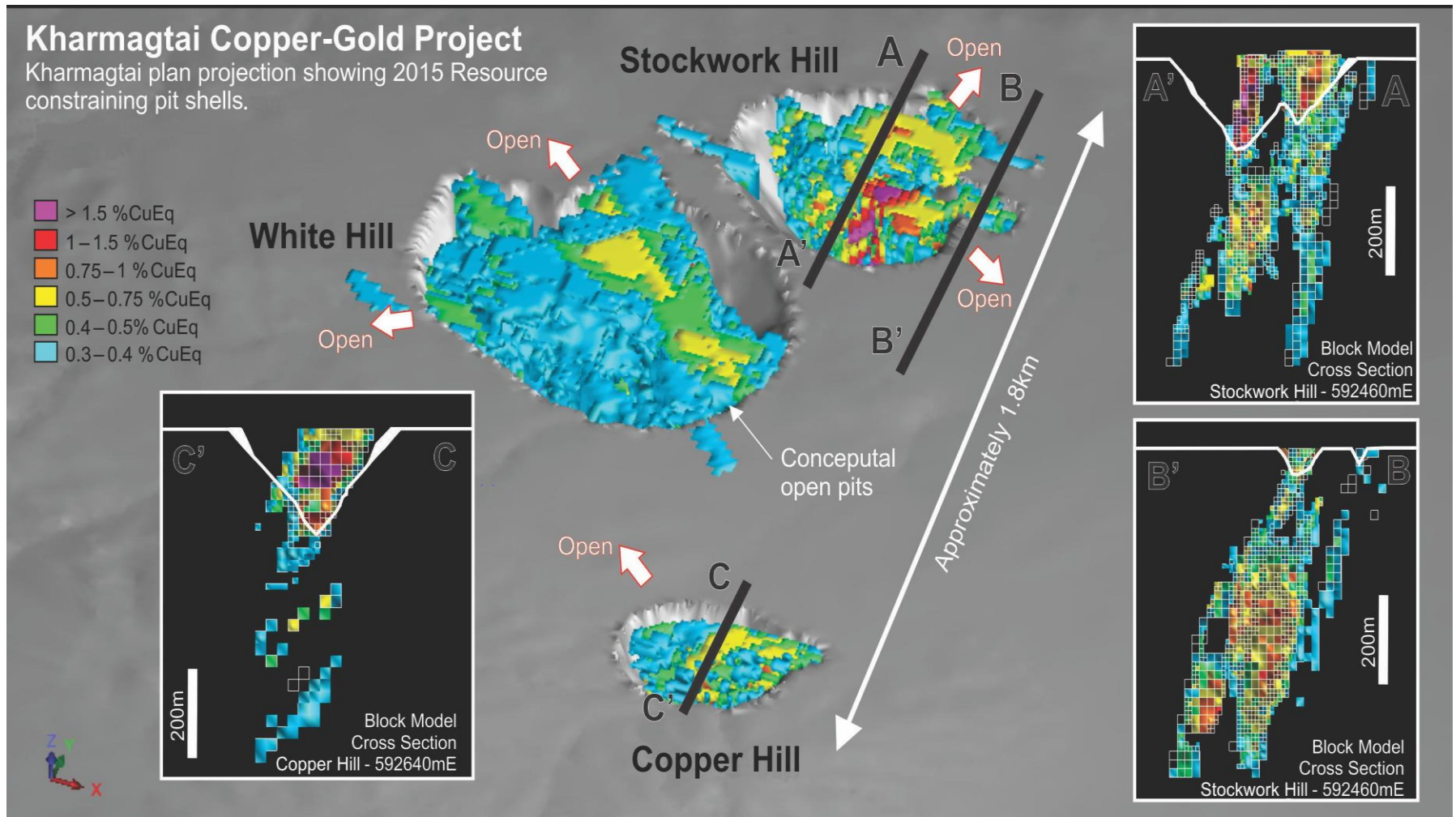


*ASX announcement dated 19 March 2015 "Kharmagtai Maiden JORC Resource." Table 1 information dated 29 April 2016 continues to apply.



KHARMAGTAI PORPHYRY CU-AU DISTRICT

DISTRICT WITH A CLUSTER OF OUTCROPPING PORPHYRY DEPOSITS

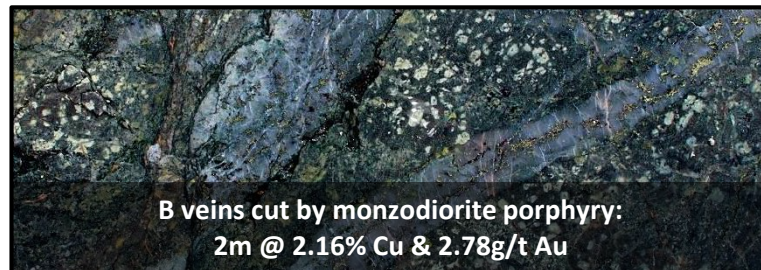
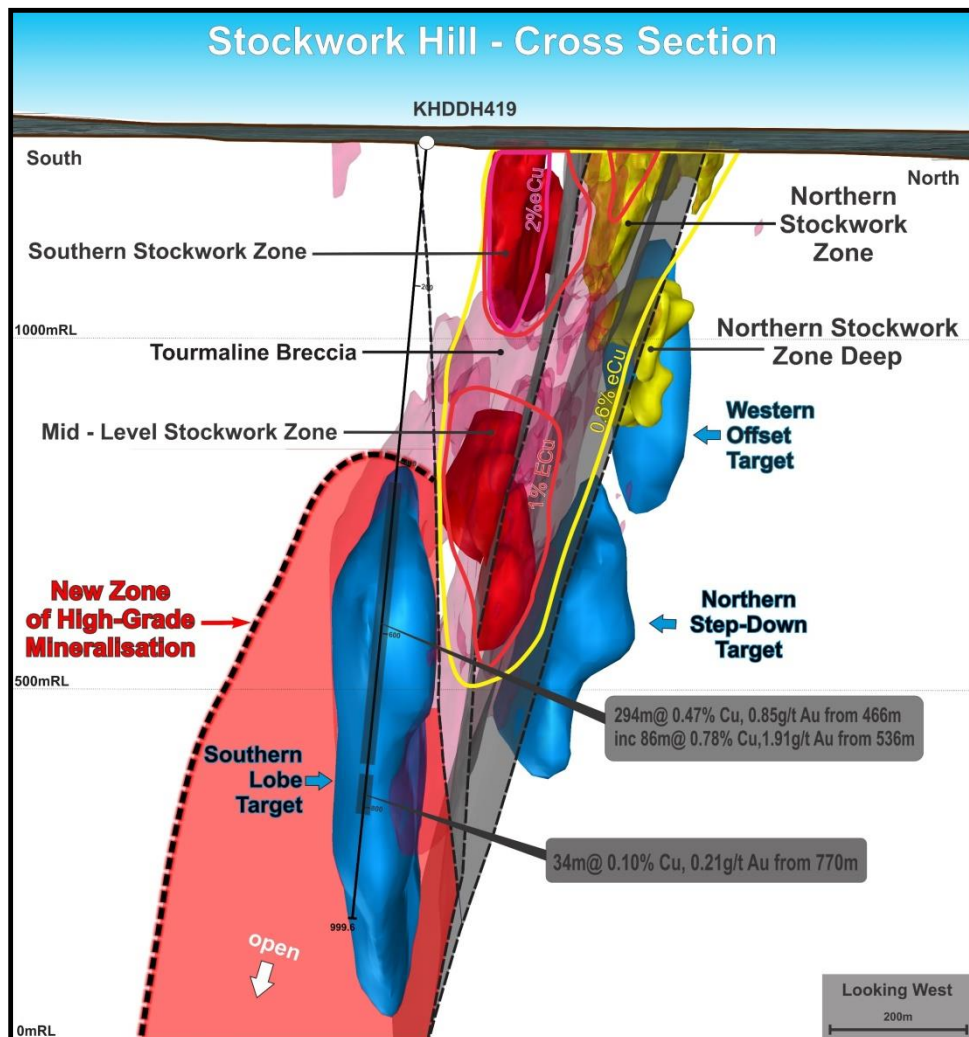


*ASX announcement dated 19 March 2015 "Kharmagtai Maiden JORC Resource." Table 1 information dated 29 April 2016 continues to apply.



KHARMAGTAI PORPHYRY CU-AU DISTRICT

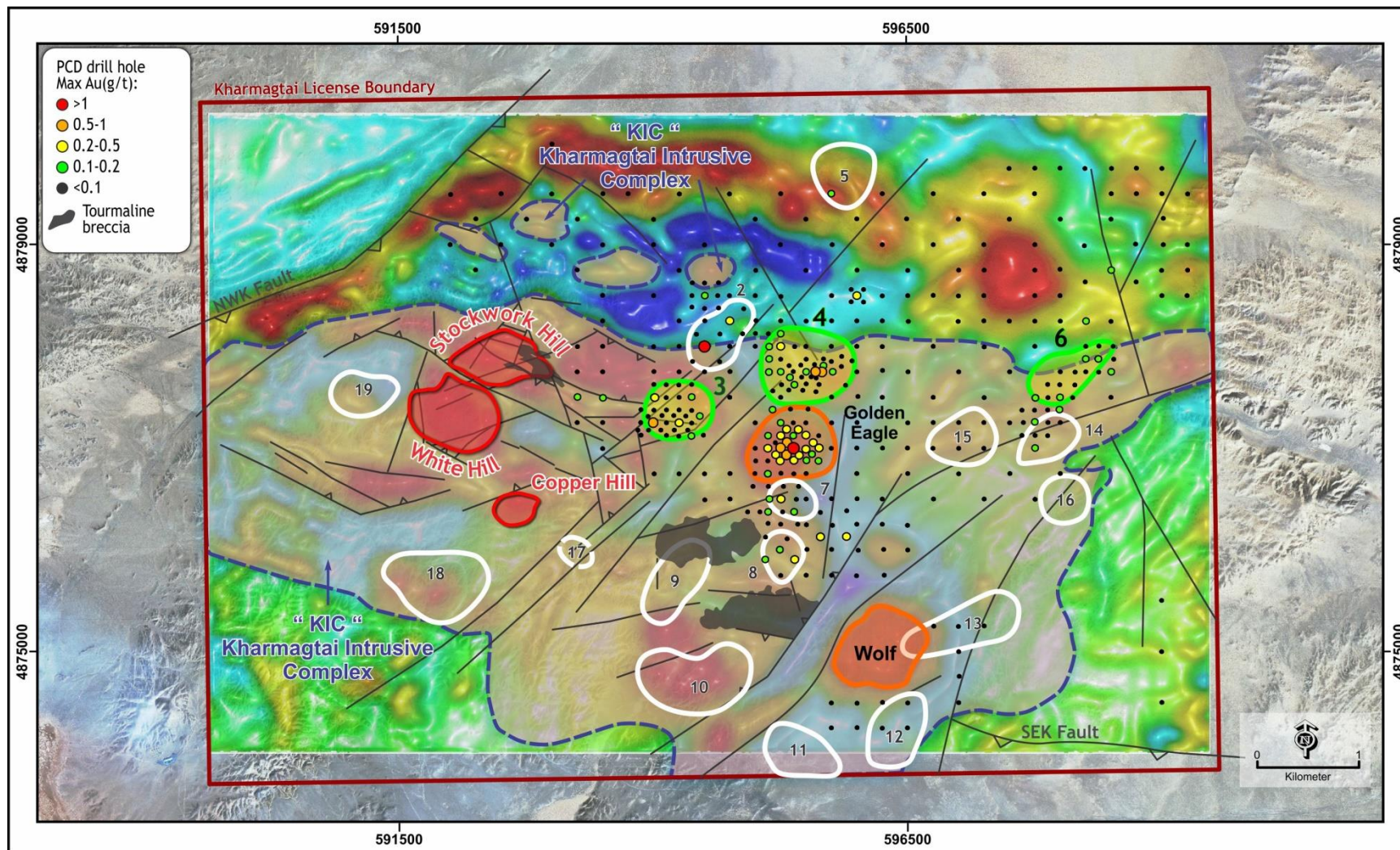
SHALLOW HIGH-GRADE GOLD-RICH PORPHYRY MINERALISATION





KHARMAGTAI PORPHYRY CU-AU DISTRICT

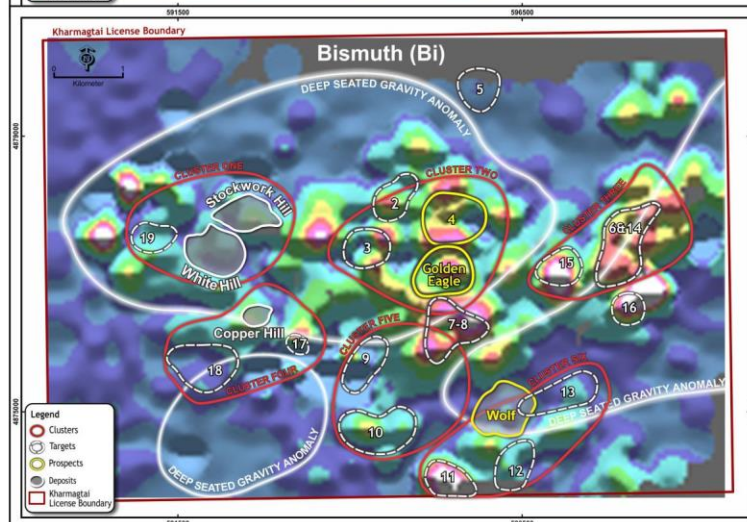
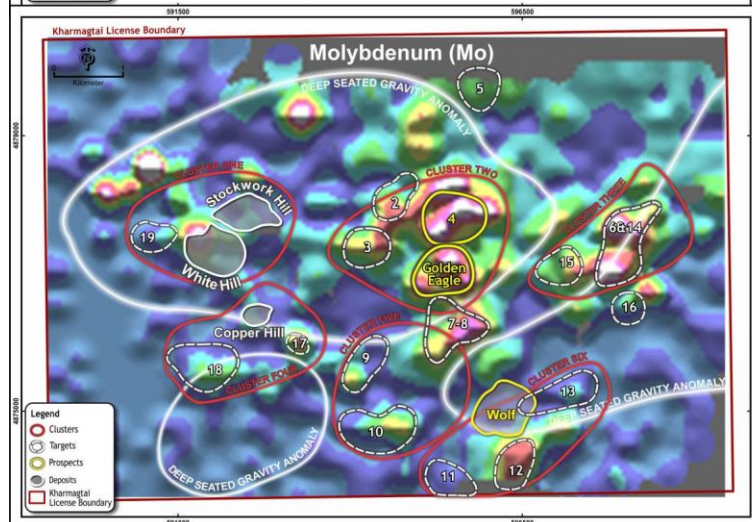
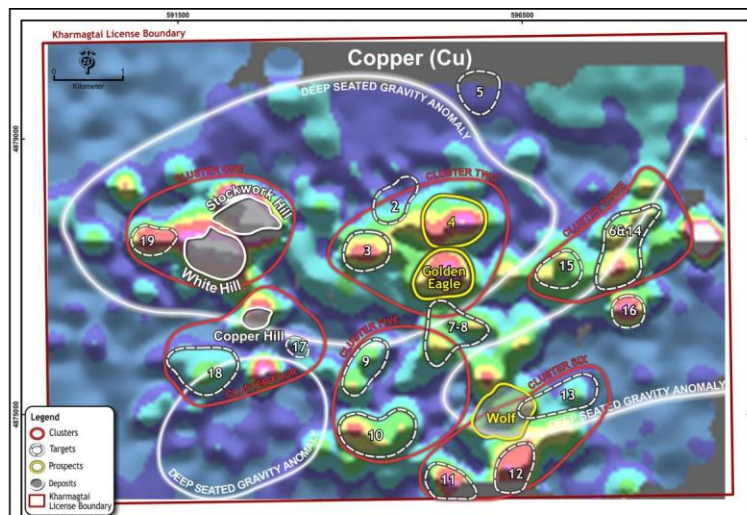
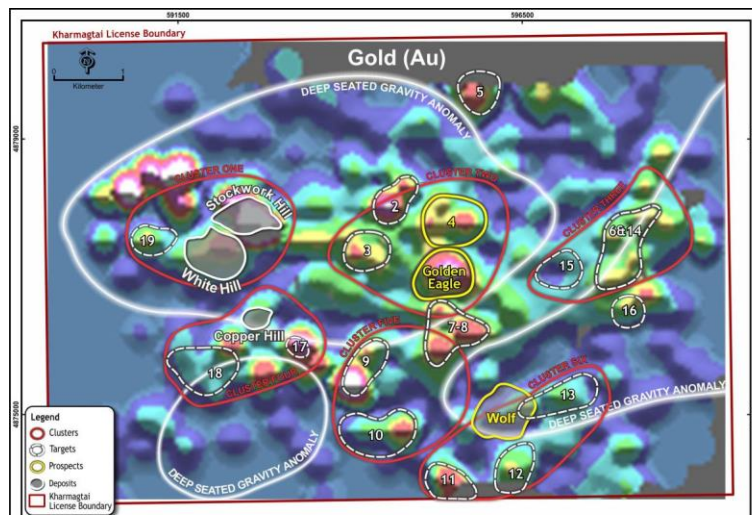
HIGH IMPACT DRILLING AT THE FLAGSHIP KHARMAGTAI PROJECT





KHARMAGTAI PORPHYRY CU-AU DISTRICT

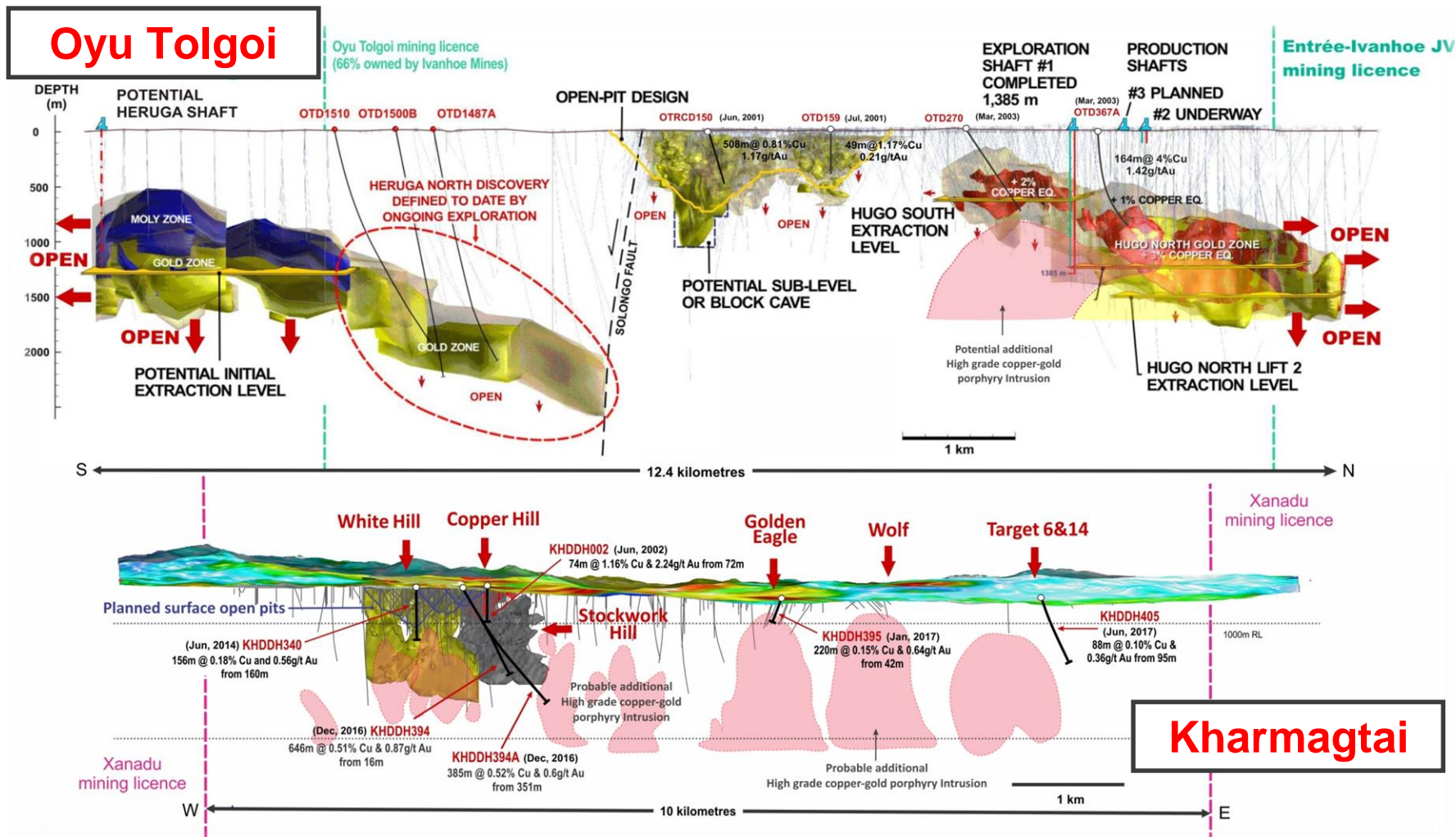
GEOCHEMISTRY DEFINING NUMEROUS PORPHYRY





KHARMAGTAI PORPHYRY CU-AU DISTRICT

ARCHITECTURE OF SOUTH GOBI PORPHYRY COPPER-GOLD



*Oyu Tolgoi section taken from the discovery history of the giant Oyu Tolgoi porphyry copper deposit, Doug Kirwin, 2008.

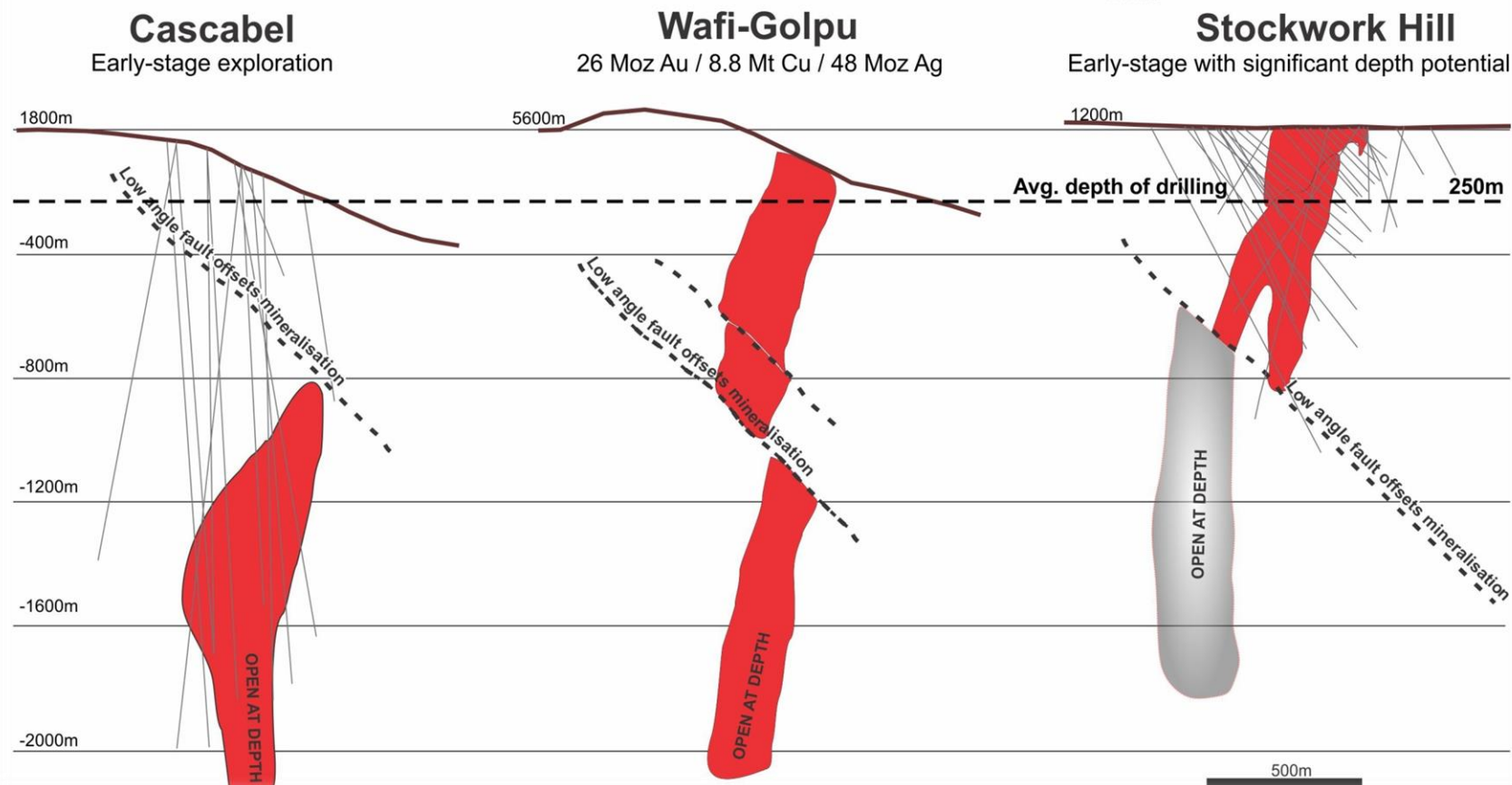
GLOBAL PEER COMPARISON

POTENTIAL TO HOST A GLOBALLY SIGNIFICANT DISCOVERY

 **SolGold** Market Cap: AUD \$1,112M

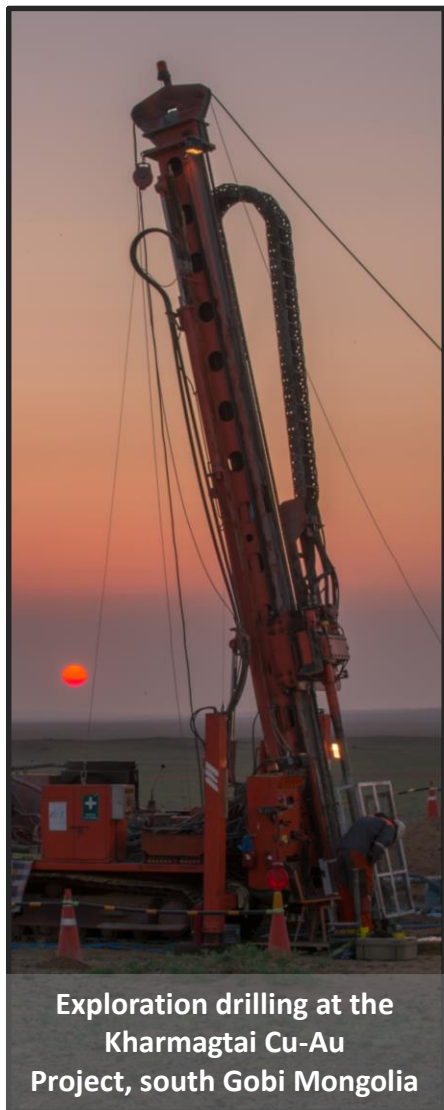
 **NEWCREST**
MINING LIMITED Market Cap: AUD\$15,440M

 Market Cap: AUD \$107M



*Figure adapted from Sol Gold corporate presentation dated 17 February 2017 and Newcrest corporate presentation to Adapting to Exploration in the 21st Century dated 27 June 2016..

ACCELERATED DRILLING ON MULTIPLE TARGETS



EXPLORATION PROGRAM & NEWS FLOW

Accelerated Kharmagtai drilling on multiple targets

Unlocking the potential of the Kharmagtai Cu-Au District

Bedrock drilling successfully defines new porphyry targets

Exploration drilling to be accelerated with extra drill rigs

Numerous shallow high-priority targets under-cover

Drill test high-grade mineralisation below current resources.

Strong drilling results at Red Mountain raise its status

Drilling is continuing to test multiple near surface priority targets.



For further information please visit
www.xanadumines.com or contact:

Dr Andrew Stewart

Managing Director & Chief Executive Officer

T: +976 70130211 M: +976 99999211

Andrew.stewart@xanadumines.com



Twitter: [Xanadumines_ASX](https://twitter.com/Xanadumines_ASX)





COMPETENT PERSON STATEMENT

IMPORTANT NOTICES

Kharmagtai Mineral Resource estimate: The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not materially changed from the original market announcement.

The information in this presentation that relates to Mineral Resources is based on information compiled by Mr. Andrew J. Vigar, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr. Vigar is employed by Mining Associates Limited Hong Kong. Mr. Vigar 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 the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Vigar consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

Exploration Results: The information in this presentation that relates to Exploration Results is based on information compiled by Dr. Andrew Stewart who is responsible for the exploration data, comments on exploration target sizes, QA/QC and geological interpretation and information, which is incorporated in the database that was provided to Mining Associates for undertaking the Resource estimate. Dr. Stewart is an employee of Xanadu and is a Member of the Australasian Institute of Geoscientists. Dr. Stewart has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as the "Competent Person" as defined in the 2012 Edition of the "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves". Dr. Stewart consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

Copper equivalence: When used is calculated using the following formula: $CuEq = Cu(\%) + Au (g/t) * 0.6378$, based on a copper price of \$2.60/lb, and a gold price of \$1300/oz, with assumed recoveries of 90% for copper and 70.85% for gold.

For the purpose of ASX Listing Rules 5.7.1, Xanadu refers to its Table 1 disclosure dated 28 July 2017 which continues to apply as at the date of this presentation. Xanadu is not aware of any new information or data that materially affects the information included in that announcement.