



XANADU MINES

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PRECIOUS METALS SUMMIT
BEAVER CREEK, COLORADO
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KHARMAGTAI – TIER 1 COPPER ASSET WITH
A GOLD BONUS

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JORC: The information in this report that relates to the exploration results previously reported in the ASX Announcements dated 26 August 2019. The Company is not aware of any new information or data that materially affects the information included in those relevant market announcements.



LARGE DISTRICT- SCALE PORPHYRY Cu-Au PROJECT

Under explored
district hosting a
globally significant
copper-gold
discovery



FAST-GROWING COPPER & GOLD RESOURCE BASE

Major increase in
Kharmagtai open-
cut resource to
1.9Mt Cu & 4.3Moz
Au



SHALLOW GOLD COMPLEMENT EXISTING RESOURCES

Early stage gravity
and bottle roll
results on
composite samples
from Golden Eagle
are outstanding



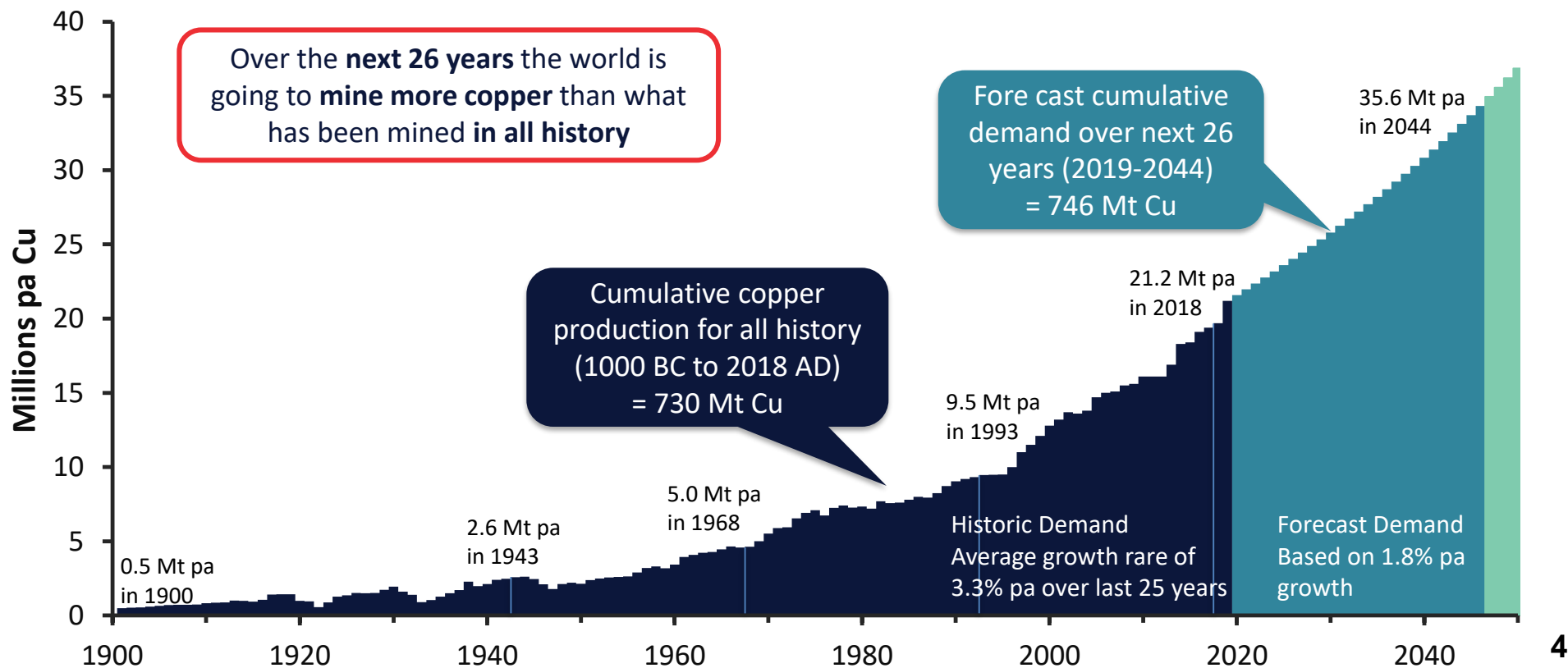
ESTABLISHED INFRASTRUCTURE WITH POWER & WATER

Neighboring
significant deposits
in production,
including Rio Tinto's
Oyu Tolgoi

* ASX announcement dated 30 October 2018 "Major increase in Kharmagtai open-cut resource to 1.9mt cu & 4.3moz au." Table 1 information dated 30 October 2018 continues to apply.
The resource figure above (598Mt) includes both indicated (129.3Mt) and inferred (468.9Mt) resource categories. Both at the same 0.3eCu cut-off grade. -See press release of October 31, 2018
ASX announcement dated 20 March 2019 "Excellent oxide gold recoveries at Kharmagtai complement existing copper-gold resources." Table 1 information dated 20 March 2019 continues to apply.

Demand for copper doubles every 20-30 years

PRIMARY COPPER PRODUCTION FOR WORLD: 1900-2050



Long-term copper fundamentals very strong

TEN REASONS TO LIKE COPPER



LOOMING COPPER SUPPLY CRUNCH

1. Grade decline & resource depletion
2. Lack of exploration success
3. Project delivery / shortage of quality assets?
4. Above ground risks
5. Environmental constraints



GROWING DEMAND FOR NEW COPPER SUPPLY

Traditional Market Drivers

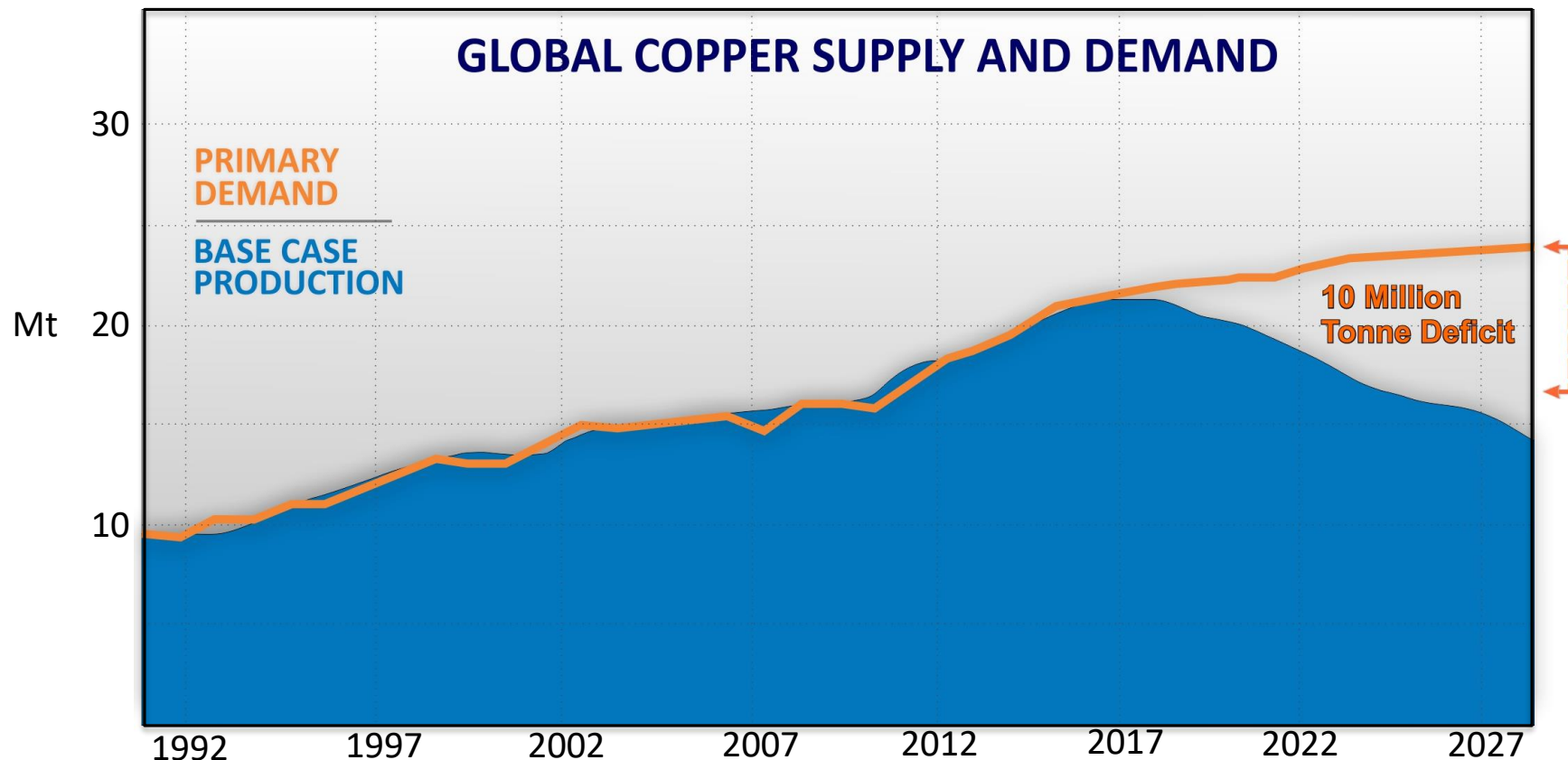
1. China accelerating infrastructure development
2. India rising

New Technological mega-trends

3. Electrification of energy demand
4. Electrification of transport
5. Wind & solar

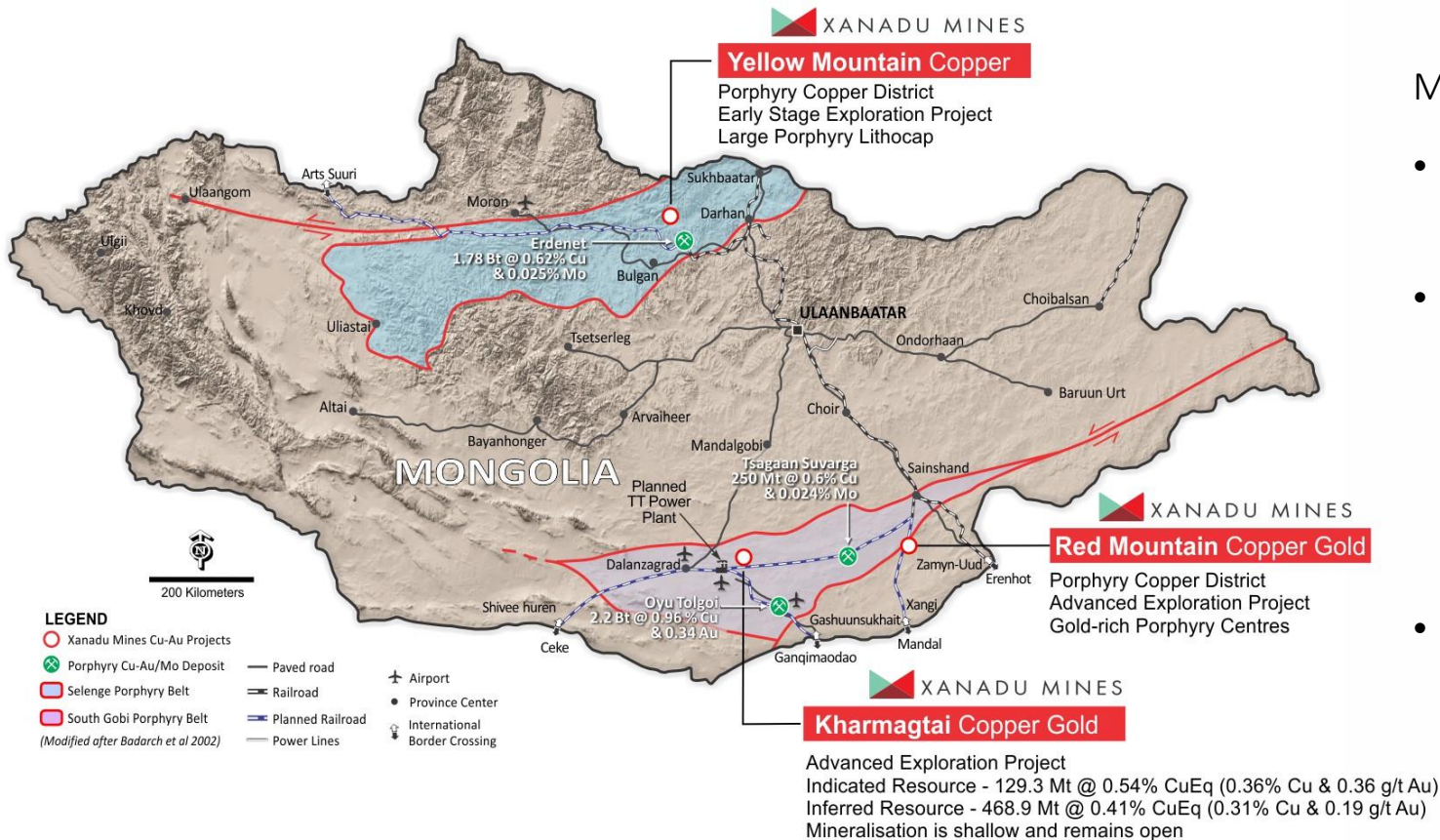
Copper is not being discovered fast enough

THE LOOMING COPPER SUPPLY CRUNCH



Copper mining in Mongolia

SUSTAINABLE AND LONG-TERM MINING INDUSTRY



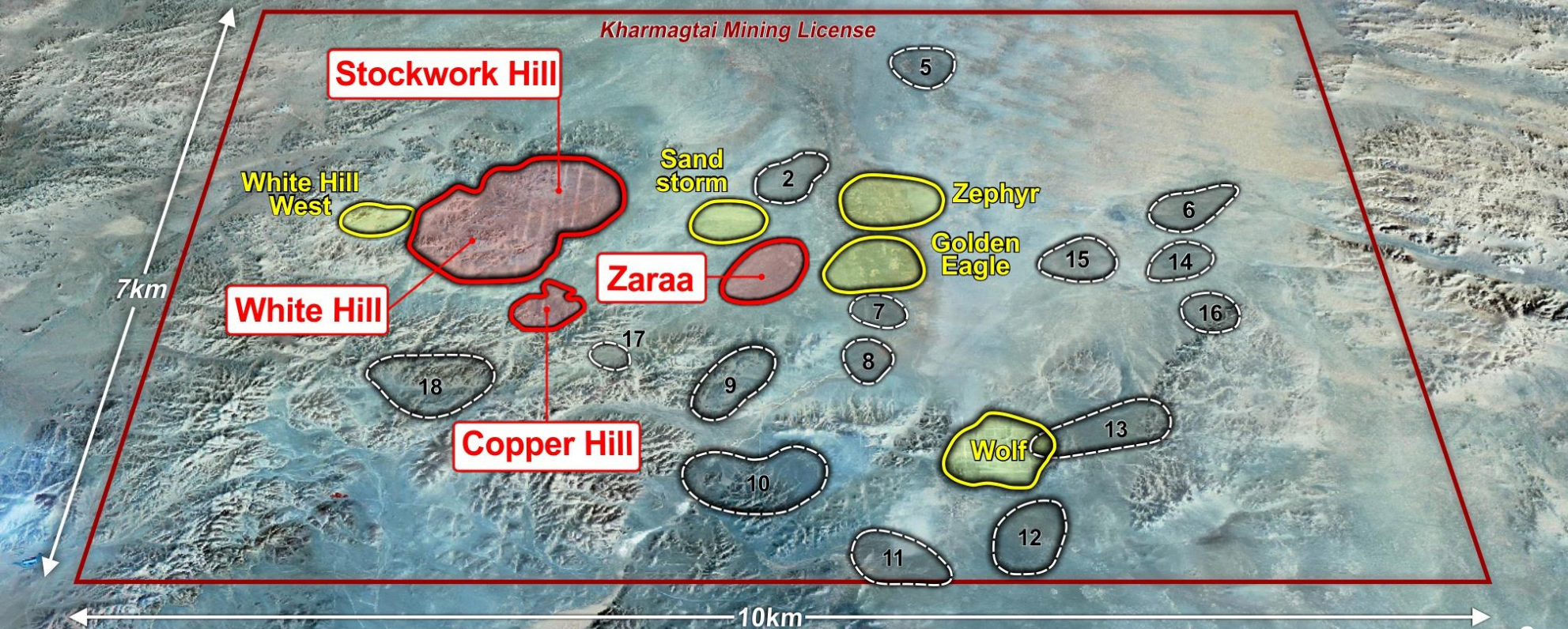
Mongolia Highlights

- Democratically-elected government
- GDP has grown 10%+ p.a for the last decade while foreign direct investment grew at almost 15% p.a
- Abundant natural resource wealth

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Kharmagtai Porphyry Cu-Au District

CLUSTER OF OUTCROPPING PORPHYRY DEPOSITS



Kharmagtai Copper District history

2015

Acquisition
of KHARMAGTAI

JORC MRE
203 Mt @ 0.34% Cu
& 0.33g/t Au^{*1}

2016

Multiple drilling
intercepts of
>650m or greater
at +1% CuEq.

'Golden Eagle'
Discovery
220m @ 0.64g/t Au
& 0.15% Cu

2017

19 new exploration
targets under
shallow cover.

Persistent drilling
defined deeper
high-grade (+1%
CuEq) extensions
at SH, CH, WH.

2018

'Zaraa' Discovery –
4th large-scale
copper
928.4m @ 0.47%
CuEq.
NI43-101 MRE
Upgrade (not
including 'Zaraa'):
598Mt @ 0.34% Cu
& 0.23g/t Au^{*2}

2019

Major increase in
Kharmagtai open-
cut resource to
1.9mt Cu & 4.3moz
Au^{*2}

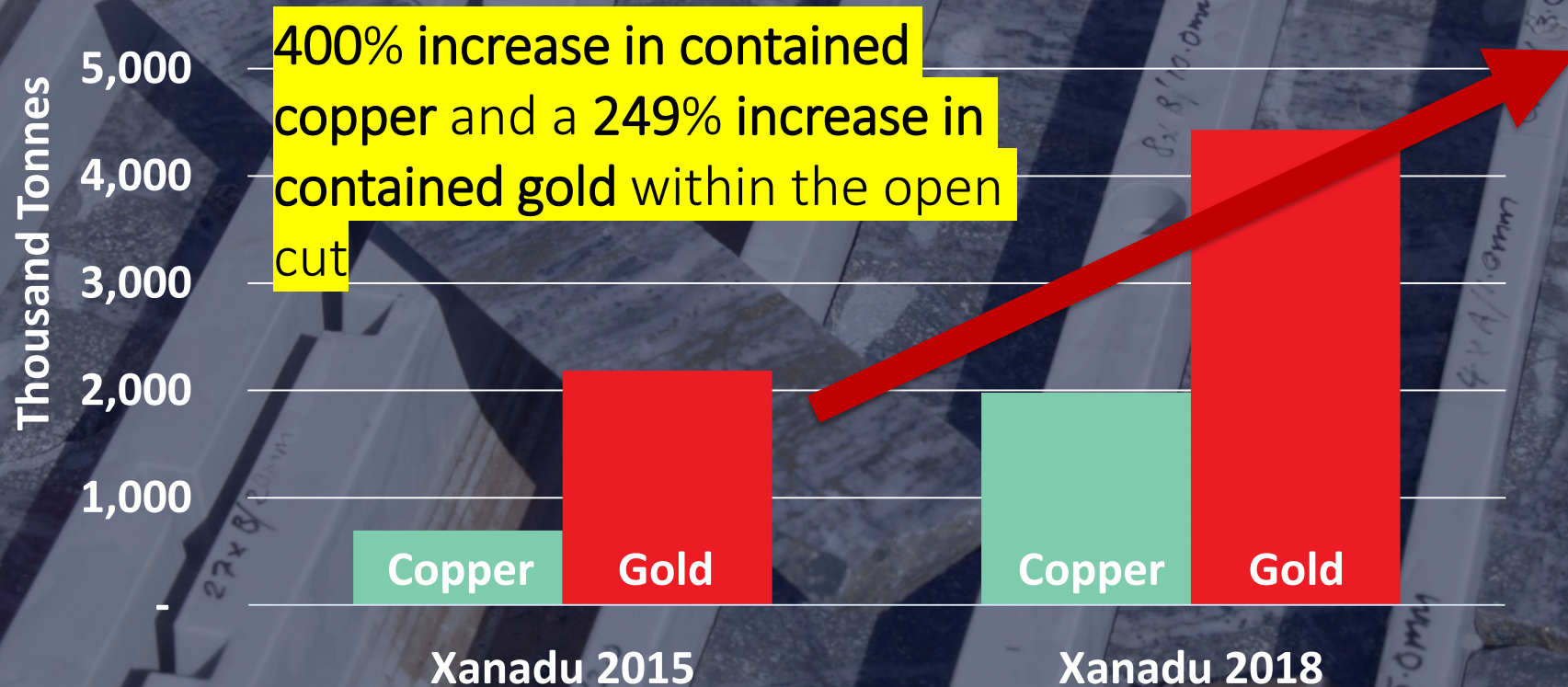
Positive economics
on initial scoping
study.

*1 - The resource figure includes both indicated (46Mt) and inferred (157Mt) resource categories - See announcement dated 29 March 2015 for more detail

*2 - The resource figure includes both indicated (129.3Mt) and inferred (468.9Mt) resource categories. -See announcement dated October 31, 2018 for more detail

Kharmagtai Porphyry Cu-Au District

RAPID RESOURCE GROWTH & LOW DISCOVERY COST



*ASX announcement dated 30 October 2018 "Major increase in Kharmagtai open-cut resource to 1.9mt cu & 4.3moz au." Table 1 information dated 30 October 2018 continues to apply.

*1 - The resource figure above (598Mt) includes both indicated (129.3Mt) and inferred (468.9Mt) resource categories. Both at the same 0.3eCu cut-off grade. -See press release of October 31, 2018

*2 - The resource figure above (54Mt) includes both indicated (33Mt) and Inferred (21Mt) resource categories. Both at the same 0.6eCu cut-off grade -See press release of October 31, 2018

Kharmagtai - A major new copper-gold project

ONE OF ASIA'S LARGEST UNDEVELOPED COPPER DEPOSITS



OPEN PIT RESOURCE

Major increase in Kharmagtai
Open-Cut MRE to 598Mt
containing 1.9Mt copper and
4.3Moz gold (2.6 Mt copper
equivalent metal)^{*1}



HIGH GRADE CORE

Shallow open-pit high grade
mineralisation

54Mt @ 0.86% CuEq for
317kt Cu & 1.13 Moz Au^{*2}

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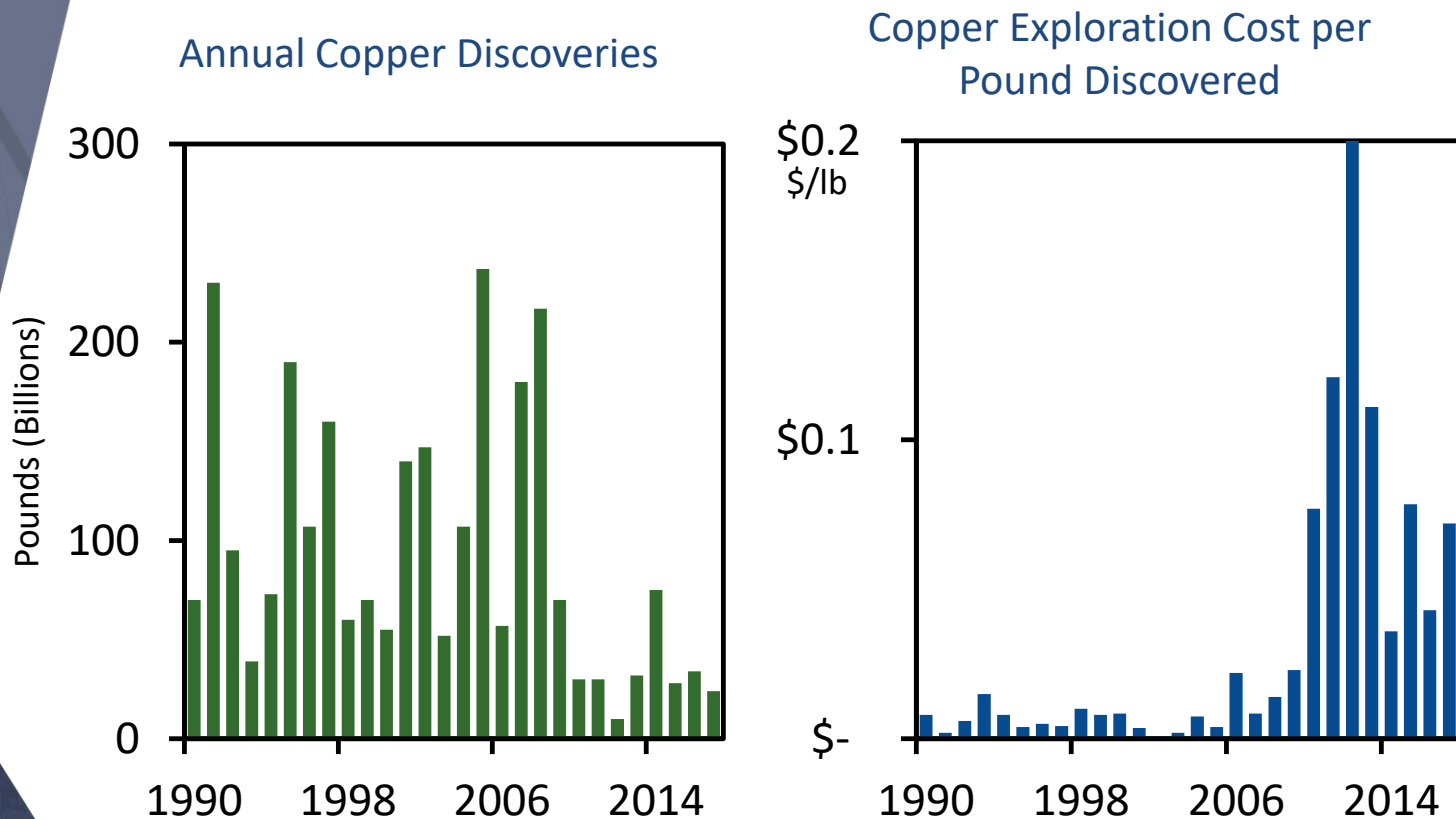
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*2 - The resource figure above (54Mt) includes both indicated (33Mt) and Inferred (21Mt) resource categories. Both at the same 0.6eCu cut-off grade -See press release of October 31, 2018

*Globally
discovery
costs have
jumped to
more than
\$0.07 per
pound*

Where are all the copper discoveries?

COST TO DISCOVER A NEW POUND OF COPPER



Source: S&P Global Marketing Intelligence

KHARMAGTAI OPEN PIT SCOPING STUDY COMPLETED

1



Distinguished
world class open
pit project



Strong economics
at 10-year
average Cu & Au
prices

2



Potential to develop
a low-cost open pit
mining
operation

3

4



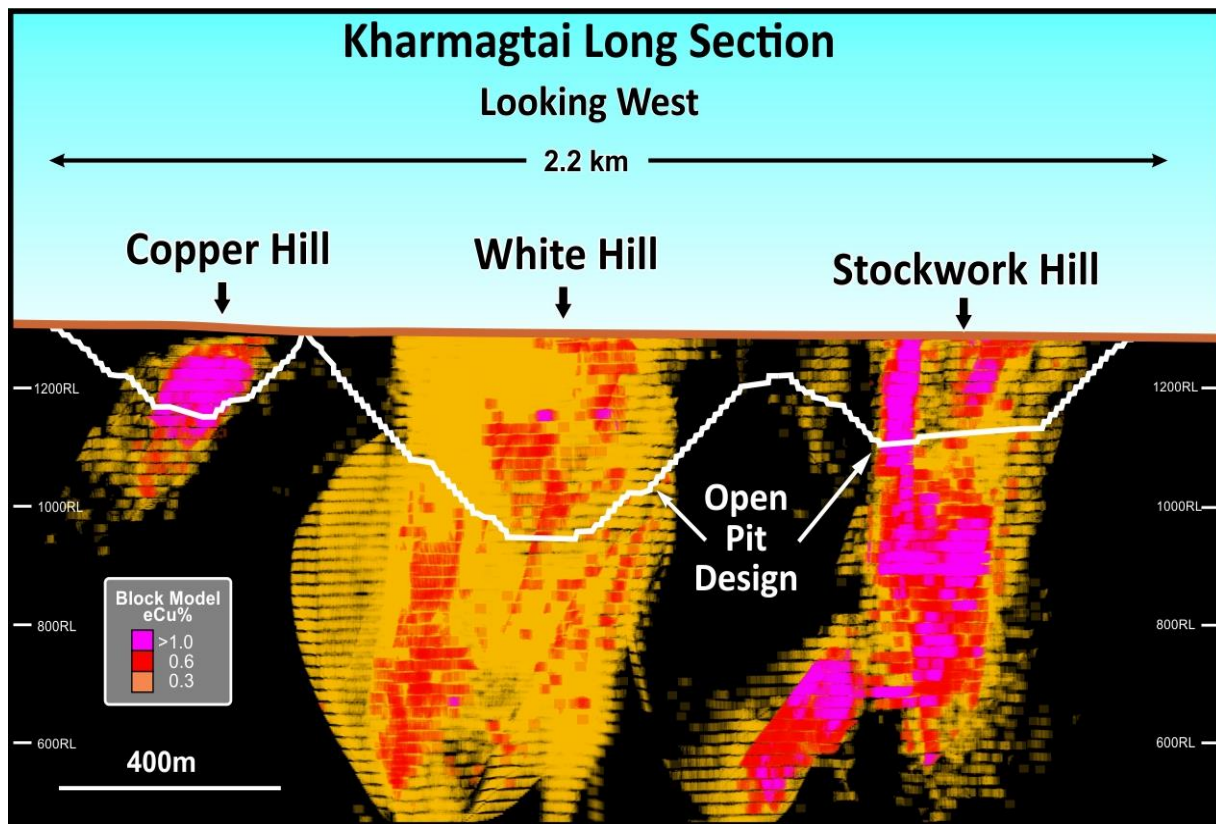
Numerous
opportunities for
further upside

5



Clear & compelling
path to further
value
creation

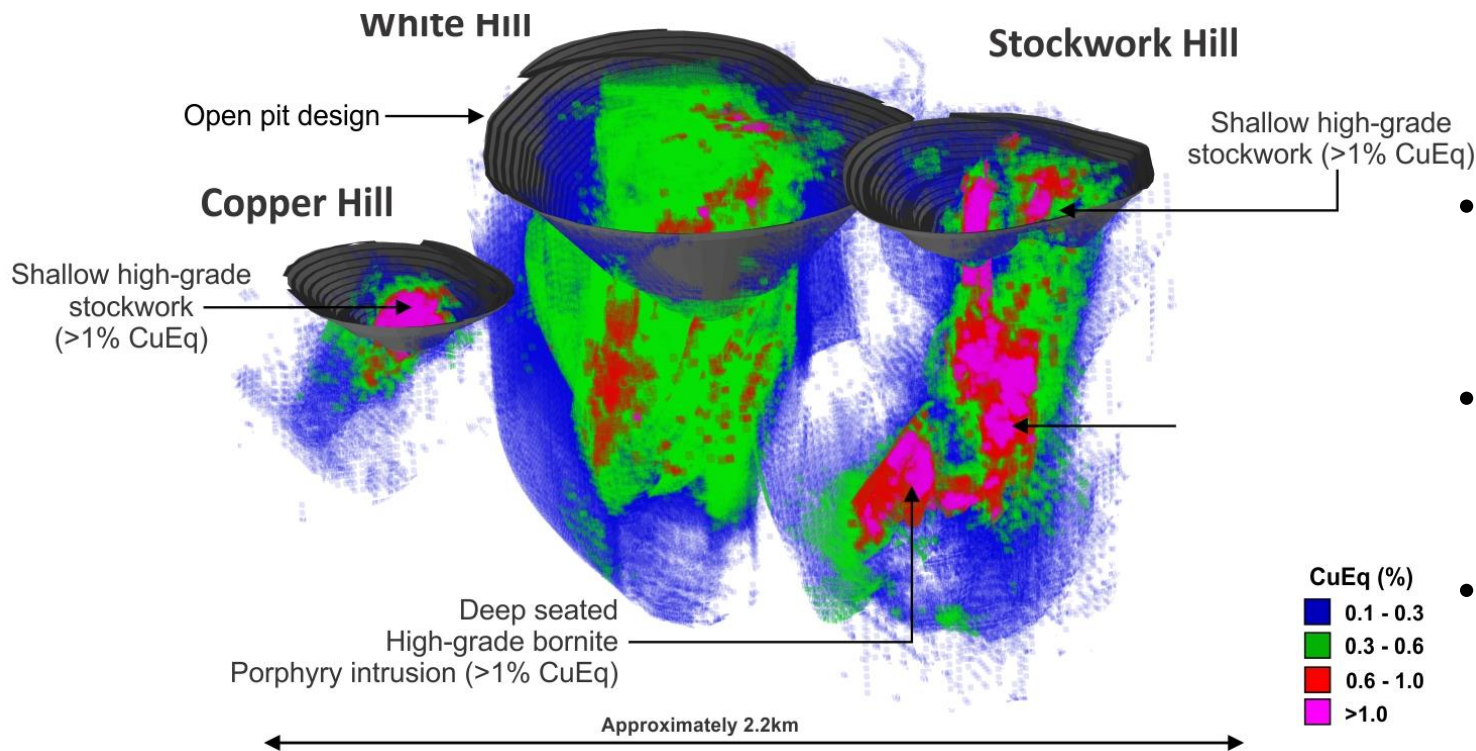
SHALLOW OPEN-PITABLE HIGH GRADE MINERALISATION



- Scoping Study indicates the potential to develop a low-strip ratio open pit mining operation in an accelerated time frame
- Rapid payback of the life-of-mine infrastructure for future open pit and underground mining operations

A lot further to go at Kharmagtai

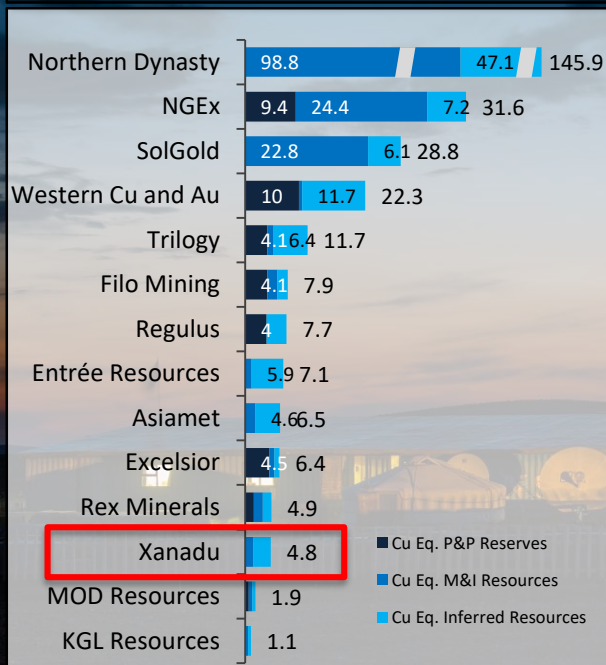
KHARMAGTAI IS A LEADING DEVELOPMENT ASSET GLOBALLY



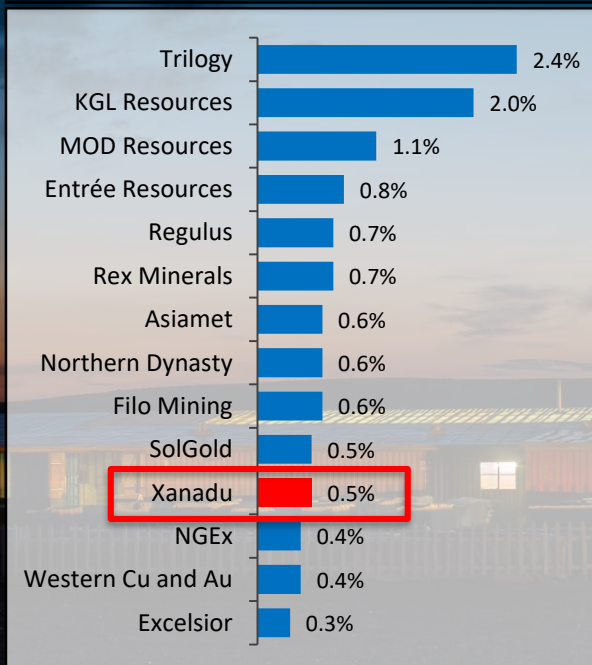
- Initial open-pit mine operation
- Conventional processing
- Low capital costs

Copper Developer Positioning

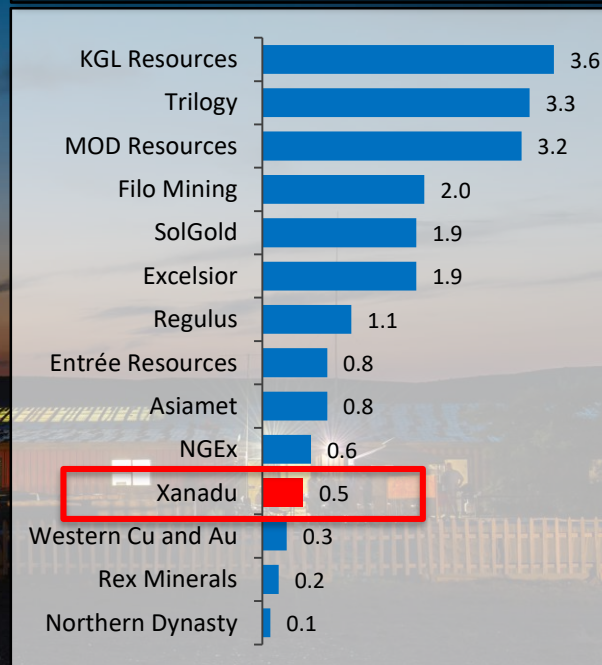
CuEq Reserve & Resources (Bn lbs)



CuEq Grade (%)



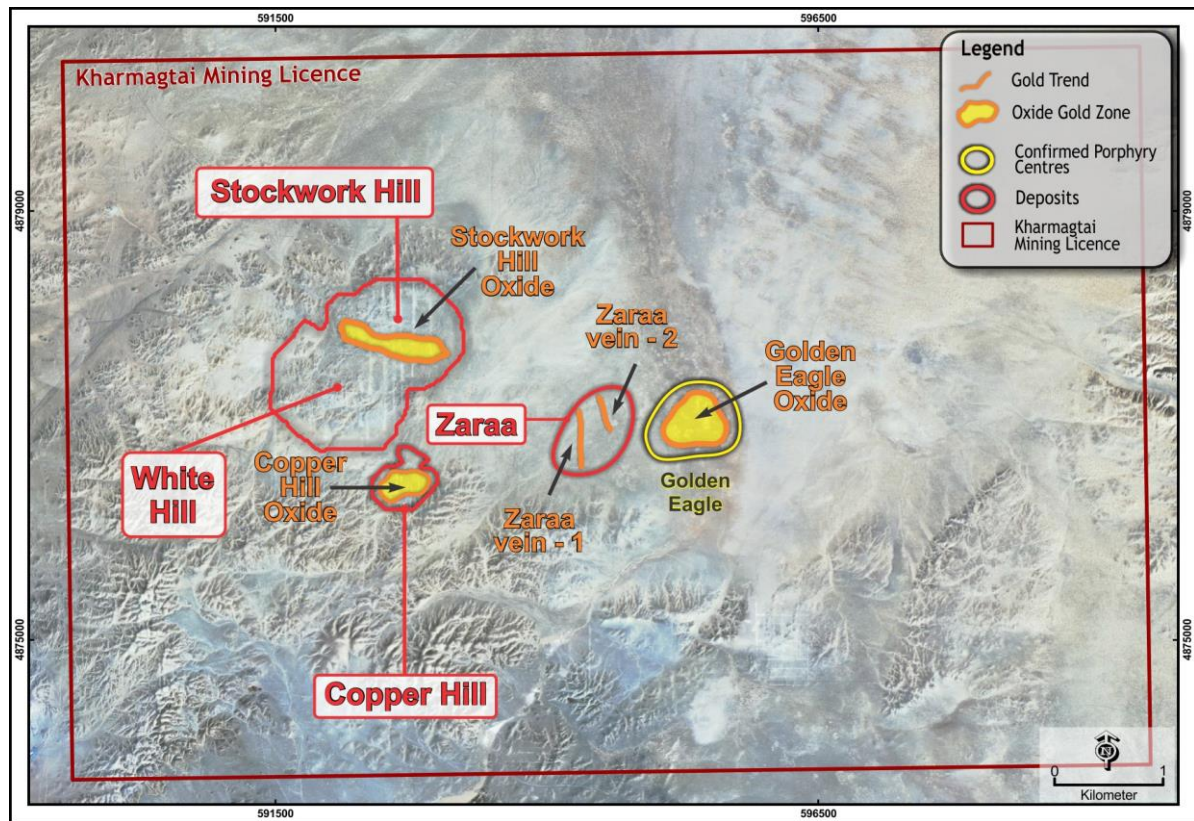
EV/CuEq Resources (US\$/lb)



Source: Company disclosure

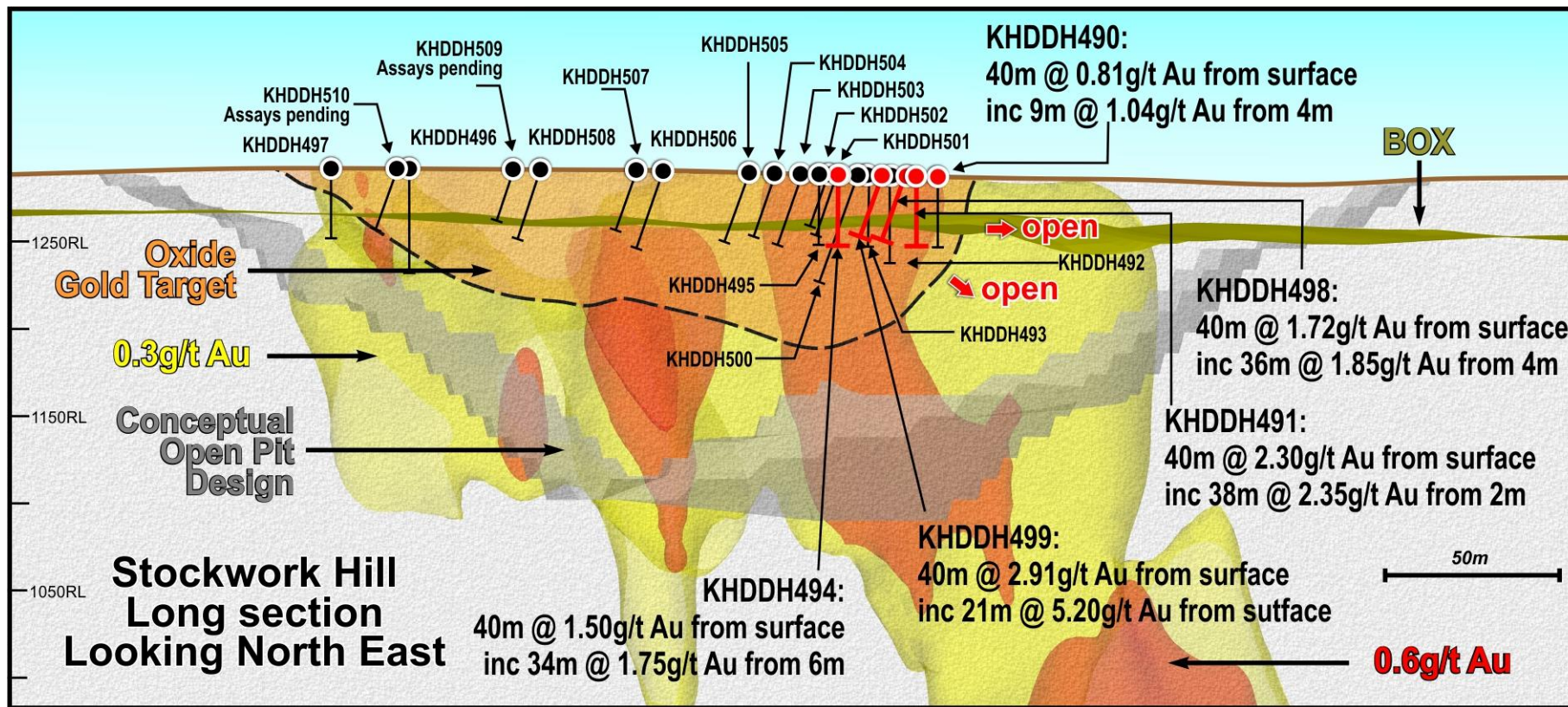
Notes: CuEq figures based on long-term consensus metal prices. Reserves and resources and attributable basis. M&I resources inclusive of P&P reserves. Enterprises value based on most recent financial adjusted for subsequent events and based on closing share price on June 19, 2019. Strike through areas on graphs indicate scale adjustment.

SHALLOW OXIDE GOLD COMPLEMENT EXISTING RESOURCES



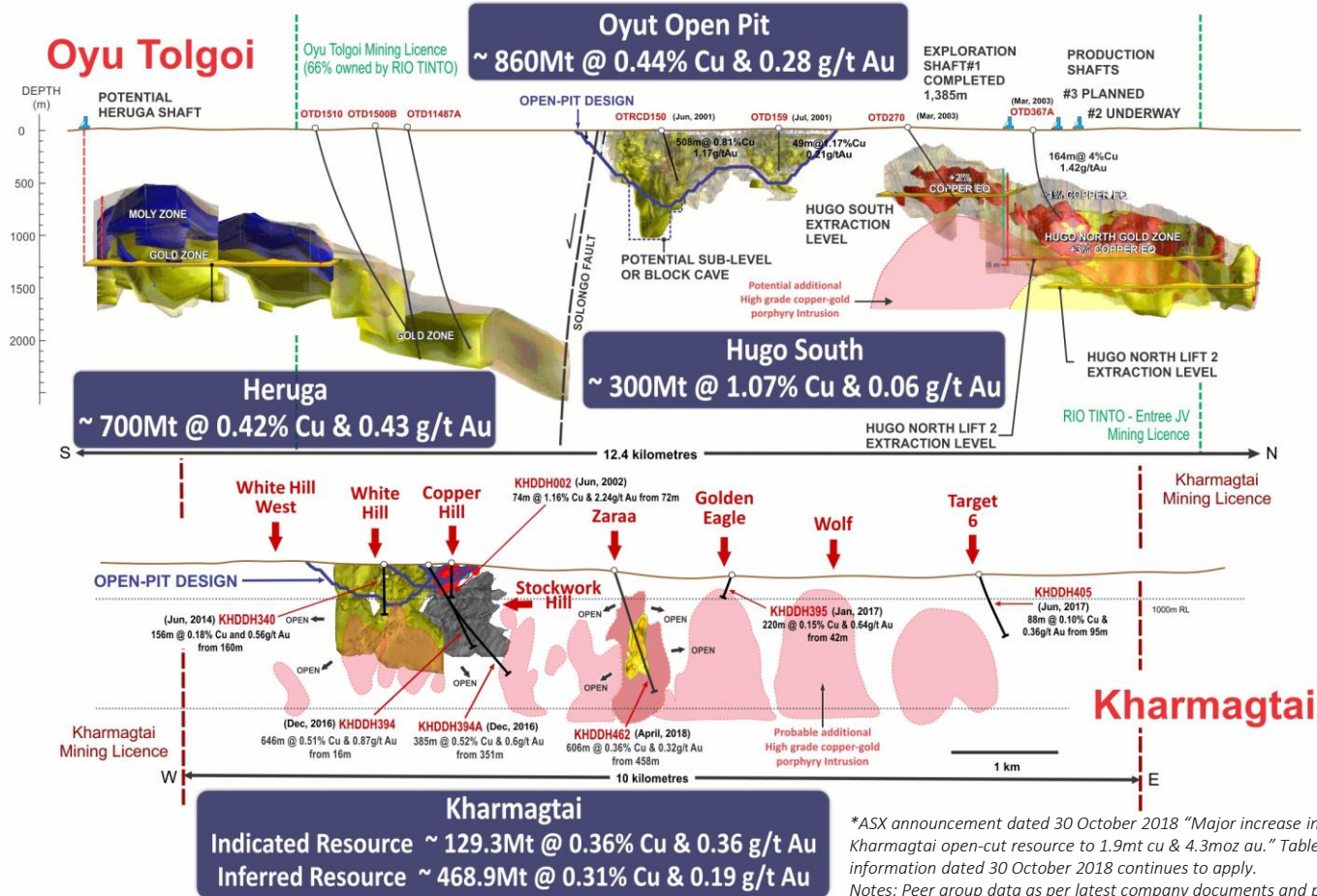
- The Exploration Target confirms the presence of a substantial oxide gold system
- Early stage gravity and bottle roll results on composite samples from Golden Eagle are outstanding
- Oxide gold may provide additional and or alternative options for the development of the project

SHALLOW OXIDE GOLD COMPLEMENT EXISTING RESOURCES



*ASX announcement dated 20 March 2019 "Excellent oxide gold recoveries at Kharmagtai complement existing copper-gold resources." Table 1 information dated 20 March 2019 continues to apply.

Architecture of south Gobi porphyry systems



*ASX announcement dated 30 October 2018 "Major increase in Kharmagtai open-cut resource to 1.9mt cu & 4.3moz au." Table 1 information dated 30 October 2018 continues to apply.
Notes: Peer group data as per latest company documents and public files

Levers to unlock maximum value at Kharmagtai



EXTERNAL FACTORS

Build understanding of Mongolia as an investment destination

Geopolitical risk continues to be mitigated by further foreign investment

Improving copper & gold price outlook



REALISE FULL VALUE FOR CURRENT COPPER RESOURCES PRIOR TO DIVESTMENT

Positioned as a globally significant source of copper that will help bridge the looming supply gap

Attract cornerstone investor



ADVANCE NEAR SURFACE GOLD RESOURCE

The Exploration Target confirms the presence of a substantial oxide gold system

Generate the cash flow to progress the underlying copper-gold deposit

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