



AuKing Mining Limited (ASX:AKN)

BRISBANE MINING CONFERENCE

KOONGIE PARK COPPER/ZINC PROJECT

23 March 2022



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Competent Persons' Statements

The information in this report that relates to exploration results at the Koongie Park Project (both current and historic) is based on information compiled by Mr Ian Hodgkinson who is a member of the Australian Institute of Geoscientists and the Society for Geology Applied to Mineral Deposits. Mr Hodgkinson is a non-executive director of AuKing Mining Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are 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 Hodgkinson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Mineral Resources at the Koongie Park Project is based on information compiled by Mr David Williams who is a member of the Australian Institute of Geoscientists. Mr Williams is a Principal Consultant Geologist (Brisbane) of CSA Global and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are 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 Williams consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The information relating to the Mineral Resources at the Koongie Park Project is extracted from the Independent Technical Report of CSA Global (the CSA Global Report), which is included in the Company's Prospectus that is dated 9 March 2021 and which was lodged with ASIC on the same date.

This presentation has been authorised by Paul Williams, Chief Executive Officer.

- **AuKing Mining (AKN) is the majority (75%) owner of the Koongie Park copper/zinc project in north-eastern WA**
- **AKN has been conducting exploration at Koongie Park since June 2021 and already established significant future value opportunities including:**
 - (a) Significant assay results from drilling**
 - (b) Upgrade of existing JORC resource estimate**
 - (c) Potential discovery of significant cobalt mineralization**
 - (d) Several target areas at Koongie Park that are ready for drilling**
- **75.5M shares (and 21.5M options) on issue, Top 20 holders have 39% of total – fairly open share register**
- **AKN's 2021 drilling program has set a strong platform for extensive exploration and drilling activities in 2022**

AKN completed a 6,500m drilling program (29 RC and diamond holes) in late 2021. Several outstanding copper, zinc, silver and other assays were reported including:

- **(AOWB003) – 124m @ 1.03% Cu, 1.08% Zn, 1.59% Pb and 50g/t Ag from 8m**
- **(AORC001) – 20m @ 1.50% Cu, 5.80 % Zn, 102g/t Ag from 148m**
- **(AORD001) – 106m @ 0.53% Cu, 2.69% Zn, 10g/t Ag**
- **(AORD004) – 105m @ 1.94% Cu, 0.76% Zn, 55g/t Ag including**

16m @ 10.2% Cu, 1.03% Zn, 316g/t Ag

(See ASX releases 4 October 2021, 21 and 24 February 2022)

These results have created significant confidence about the potential to establish an open-pit mining operation at the Onedin deposit and to significantly extend the existing known resources at the deeper Sandiego deposit

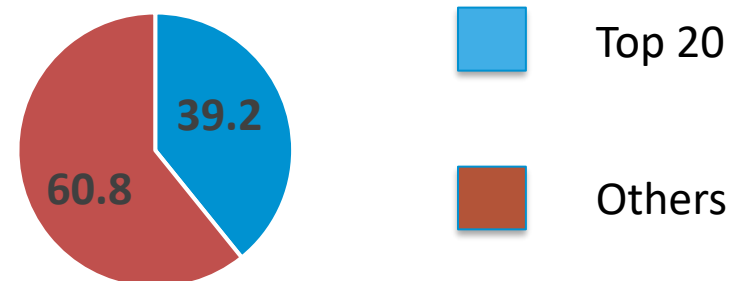
Corporate snapshot

Capital Structure	
ASX Code	AKN
Market Cap (\$0.17/share)	\$13M
Shares on issue	75,589,651
Options on issue (exercisable at \$0.25 each on or before 30 June 2023)	21,500,000
Cash at bank (as at 28 February 2022)	\$1.5M
Debt	Nil
Top 20 shareholders	39.2%

Major shareholders	
Bienitial International Industrial Co Ltd	12.23%
Pavle Tomasevic	2.78%
Peter Tighe Super Fund	2.49%
Altor Capital Management	2.02%
S3 Consortium	2.00%

Board and management	
Dr Mark Elliott	Independent Chairman
Paul Williams	Chief Executive Officer
Ian Hodgkinson	Non-Executive Director
Peter Tighe	Non-Executive Director
Shizhou Yin	Non-Executive Director
Paul Marshall	CFO and Company Secretary
Chris Bittar	Exploration Manager

Shareholder Distribution



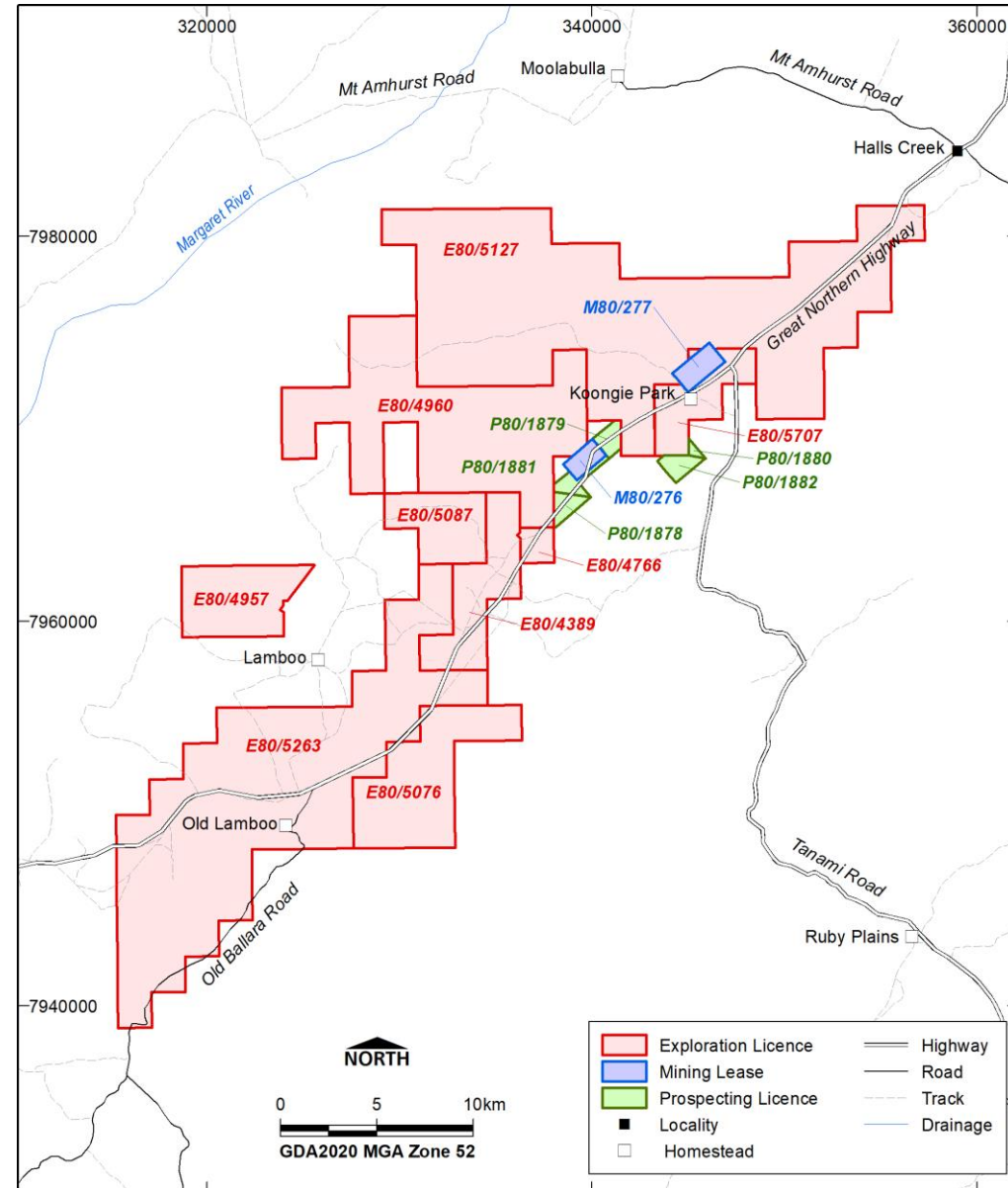
Koongie Park Cu/Zn project is situated in north-eastern WA, in the highly mineralised Halls Creek region

Existing significant JORC 2012 resources of 6.8Mt @ 1.3% Cu, 4.1% Zn, 0.3g/t Au and 26g/t Ag *

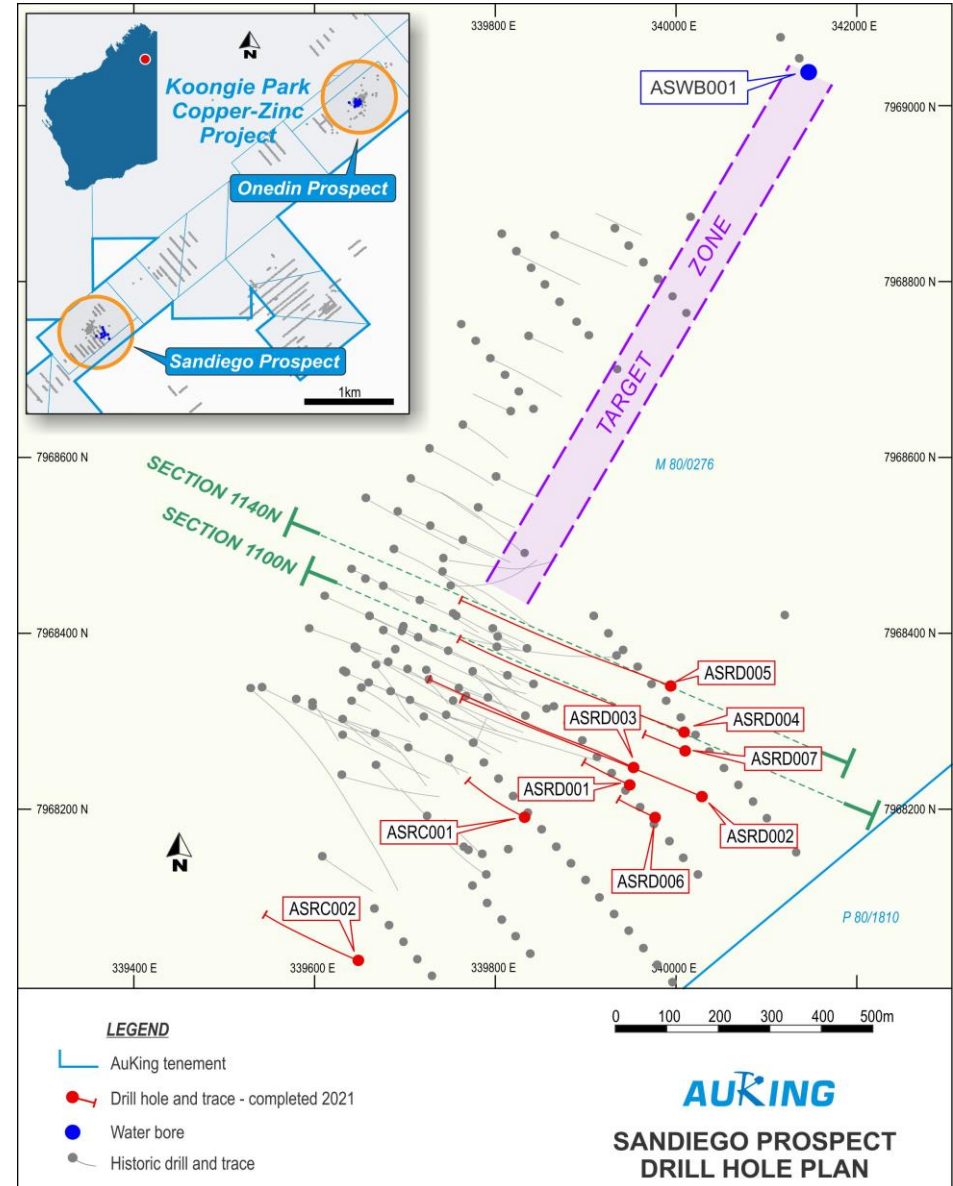
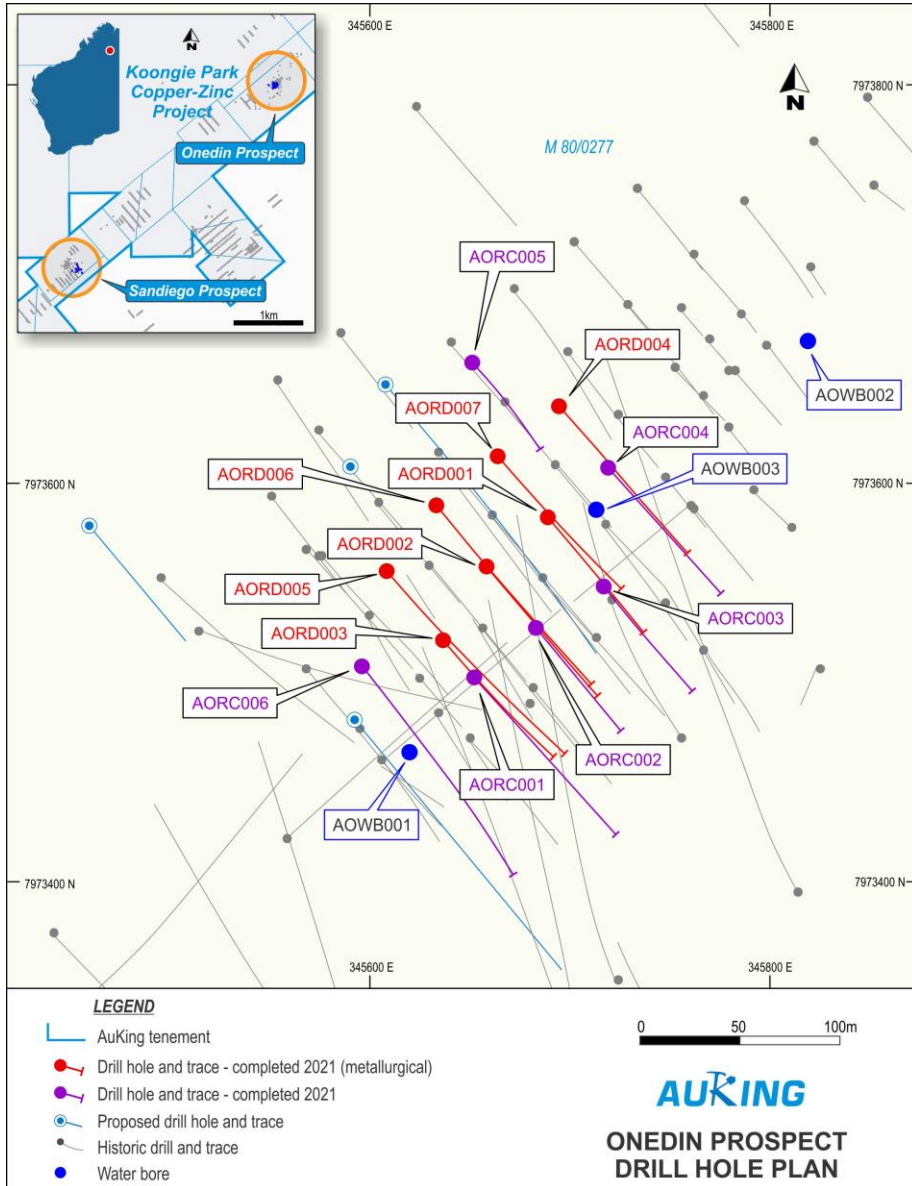
** Refer Competent Persons Statement on Slide 2 and full resource on Slide 21*



- Koongie Park comprises several mining, exploration and prospecting licences covering > 500sq km
- Sandiego and Onedin deposits are within existing mining licences granted pre-Native Title Act



Koongie Park | 2021 Completed drill holes



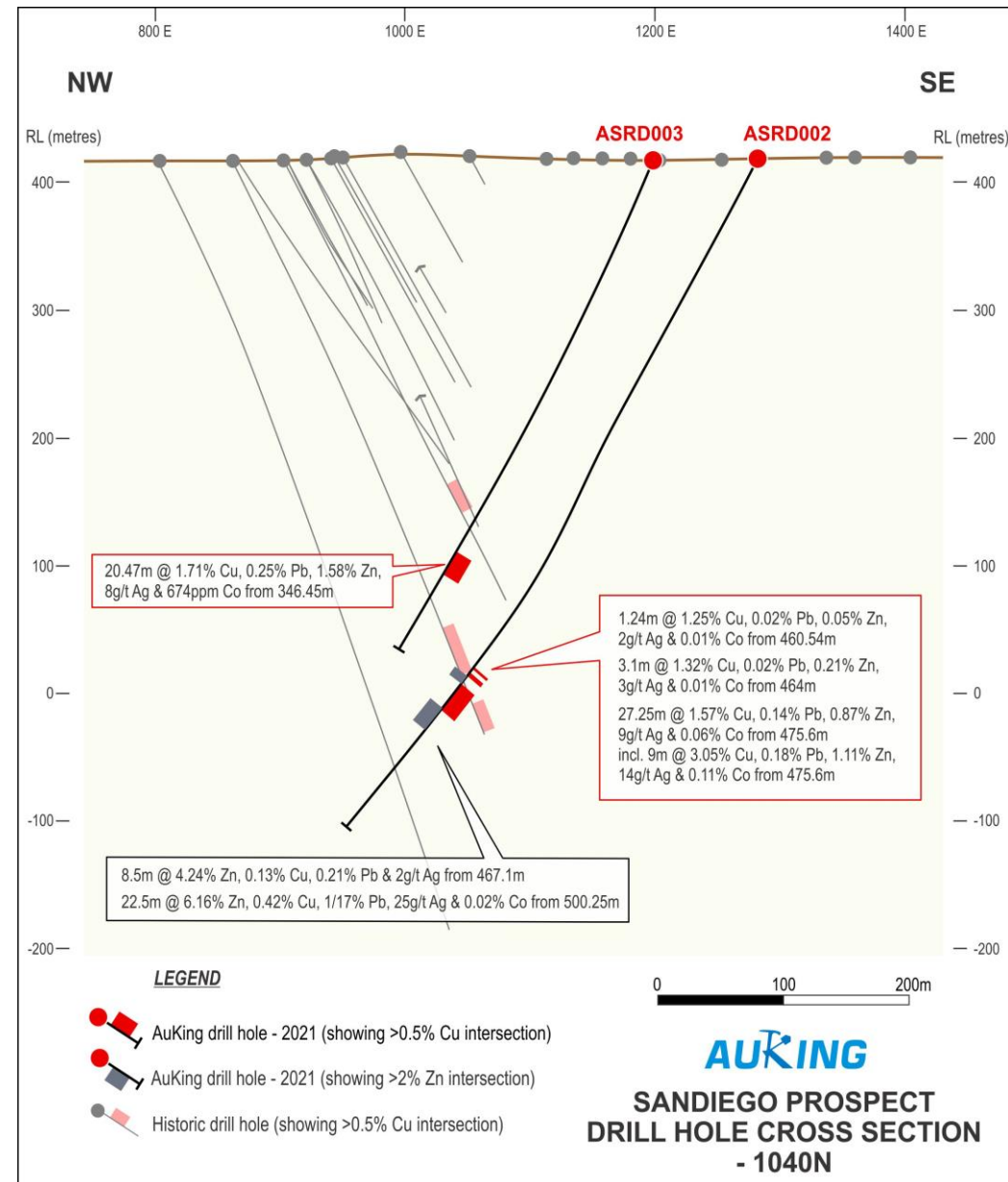
(a) Test 700m target zone to north of known mineralization

- **Drill hole ASWB001 contained near-surface Cu grade mineralization**
- **The Cu mineralisation displayed the now typical San Diego geochemical association with elevated Co and Ce/La/Y grades.**
- **This allows a largely untested target zone to be delineated between the main area of drilling at San Diego and the new discovery.**
- **The new discovery is essentially along strike of the main mineralised zone and has only previously been tested by a handful of shallow RC and RAB holes to very limited depth.**

(b) Testing mineralization at depth

- All holes drilled by AKN intersected high grade Cu/Zn mineralization at depth
- Eg: ASRD002 and ASRD003 intersected Cu/Zn between 340-525m
- Strong suggestion mineralization remains open at depth

Refer ASX announcement on 4 November 2021 for full details of results shown in cross section diagram on the right



(c) Downhole geophysics

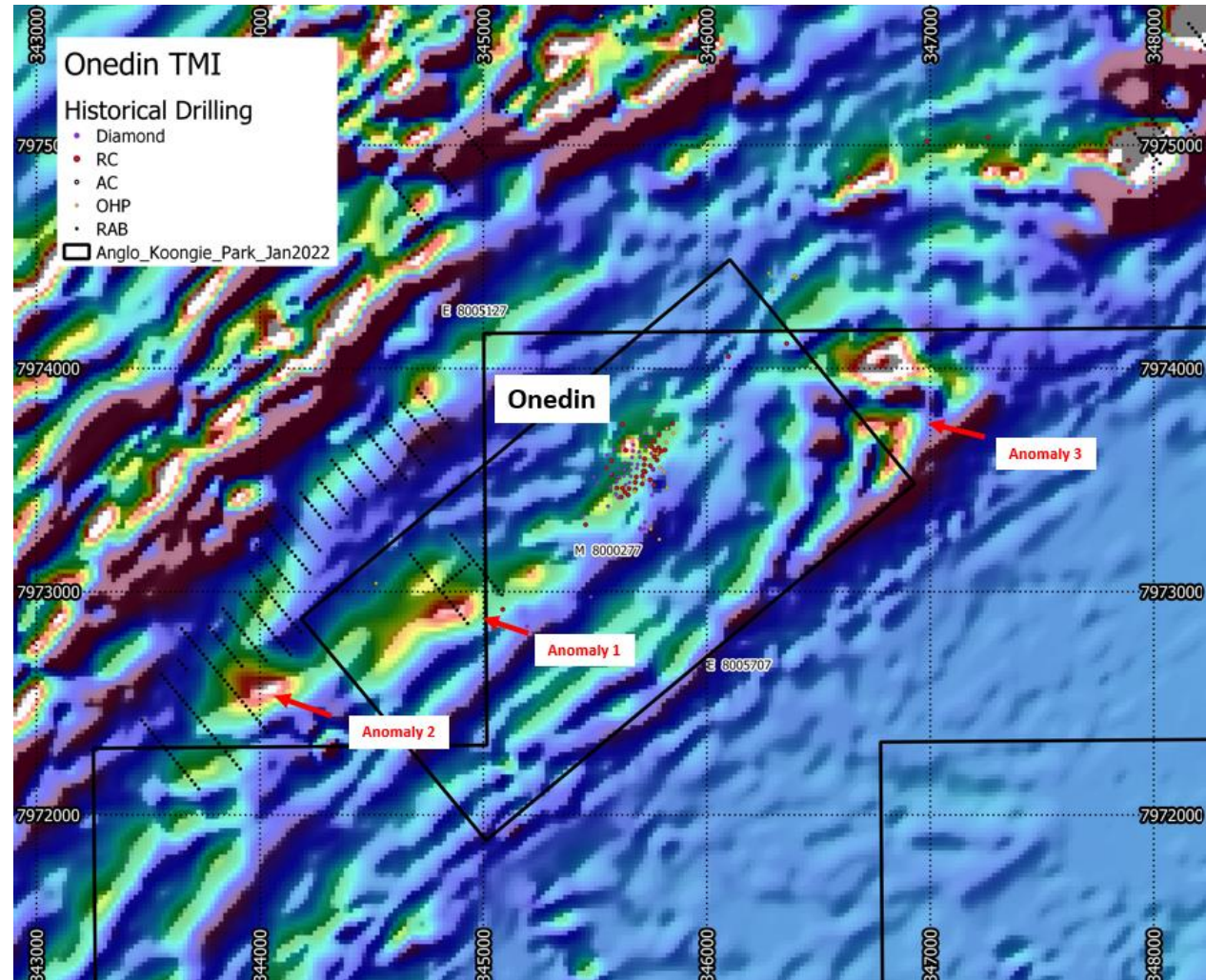
- **Sandiego drill holes were cased with polypipe – enabling downhole geophysics tools to be used to test potential displaced mineralization within a ~ 100m radius of the drill hole**
- **Potential to identify further significant Cu/Zn zones not previously identified at Sandiego**

(d) Sample old drill core for Co mineralisation

- **Some previous drill holes established high grade Co intervals**
- **Drill holes prior to 2010 not sampled for Co**
- **AKN recovering old core and obtaining assays**

Test other nearby anomalous zones

- 3 clear magnetic anomalies have been identified near the Onedin deposit
- These areas will be the focus of immediate geophysics and drilling, pending heritage surveys



Onedin metallurgical testwork program

- Parameters of the testwork program have been finalized – seeking to identify suitable processing solution for the near-surface oxide and transition ores at Onedin
- Final assays from diamond drilling at Onedin have been received and being prepared composite samples for testing at Perth laboratory
- AKN proposes to utilise the AmmLeach[®] ammonia leaching process as part of this metallurgical assessment

Testwork program has commenced, with an estimated 6-8 weeks program timeframe – late April initial results

Koongie Park Resource Update

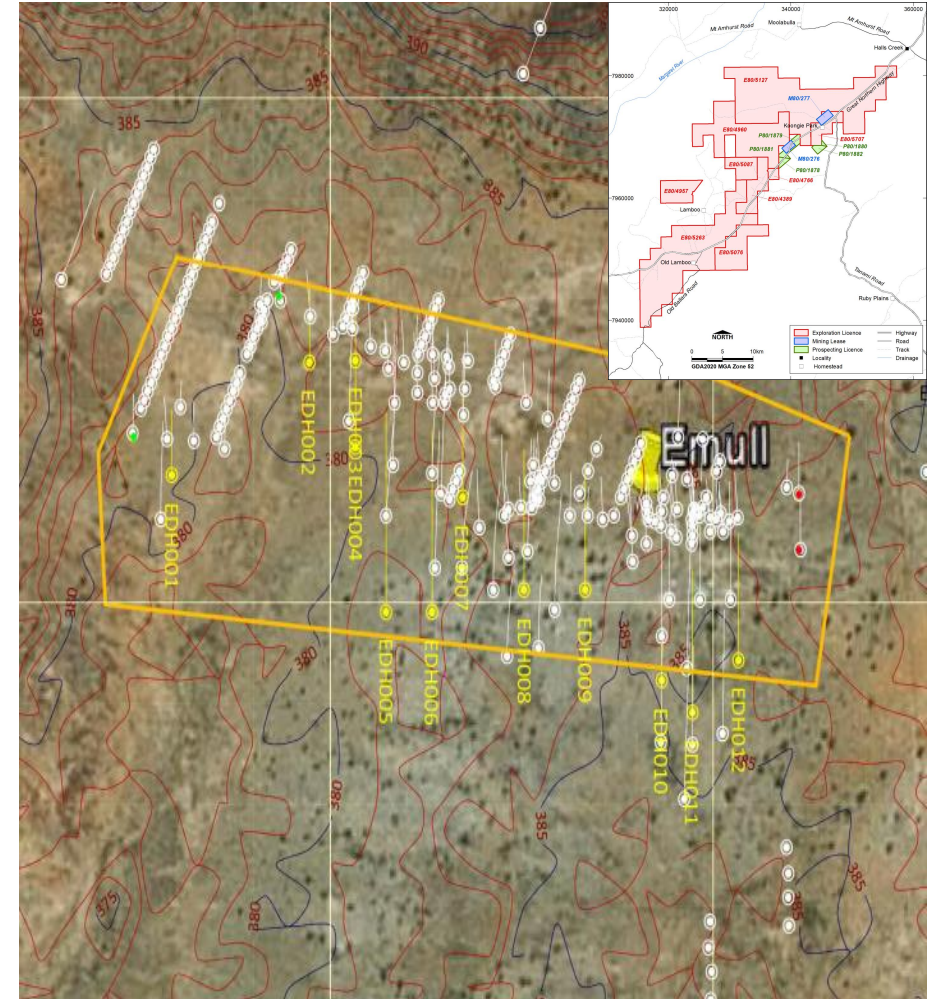
- Existing JORC (2012) Koongie Park resource estimate of 6.8Mt @ 1.3% Cu, 4.1% Zn, 0.3g/t Au and 26g/t Ag*
- CSA Global has been engaged to prepare an update of this resource estimate based on greater information and resource definition from 2021 drilling program and further information identified by AKN from existing data

Resource update work expected to be completed in late March 2022

** Refer Competent Persons Statement on Slide 2 and full resource on Slide 21*

Significant drilling program proposed for Emull prospect (E80/4957)

- 10-12 holes up to max 250m depth
- Drilling subject to heritage access approval, scheduled for late February
- Drilling is proposed to test previous drilling by Northern Star Resources between 2005-2009



Proposed Emull drill holes (yellow)
with historic NST drilling (white)

Regional Exploration

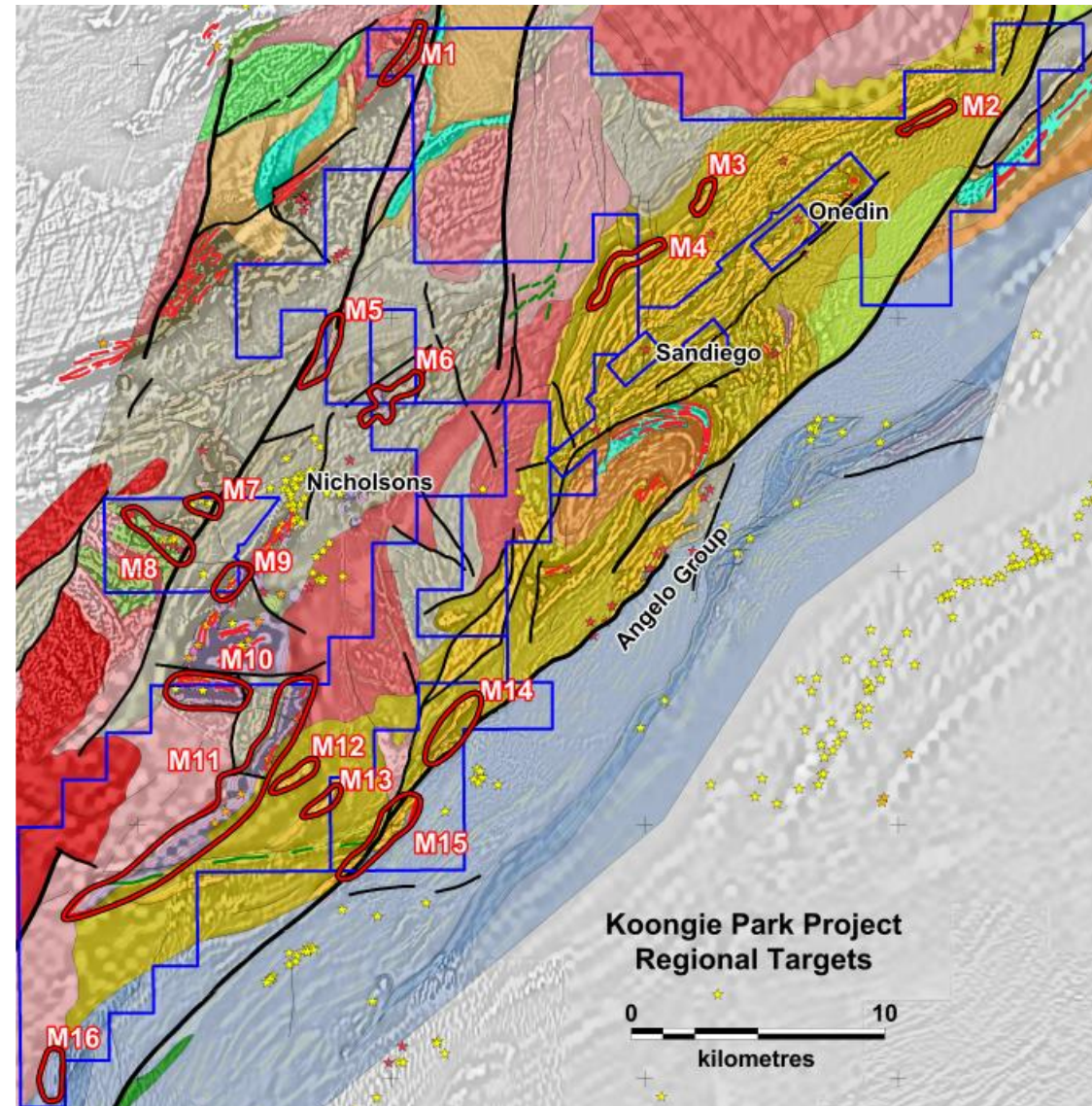
- Detailed summary of historic aerial and land-based geophysics completed by Perth-based Southern Geoscience Consultants (SGC)
- Series of high-priority target areas identified as a result (see next Slide)
- Target areas to be assessed with a view to exploration drilling later in 2022

Business Development

AKN to continue to assess other project opportunities with:

- (a) Capacity to expand existing resources at Koongie Park; or**
- (b) Otherwise create significant value for shareholders.**

Regional high priority target areas (16 in total) from SGC survey





AuKing Mining Limited (ASX:AKN)

CONTACT DETAILS

AuKing Mining Ltd
320 Adelaide Street, Brisbane QLD 4000
Office: +61 7 3535 1208

Paul Williams: +61 419 762 487
Email: p.williams@aukingmining.com
www.aukingmining.com



CSA Global provided a full updated resource estimate of the Koongie Park resources (in accordance with the JORC 2012 reporting standards) in AKN's Prospectus dated 9 March 2021. Set out below is the full resource details:

Koongie Park	Zone	Cut-off grade	Classification	Tonnes (Mt)	Copper (%)	Zinc (%)	Gold (g/t)	Silver (g/t)
Onedin + Sandiego	Supergene	Cu >0.8%	Indicated	0.9	2.5	1.7	0.3	39
			Inferred	0.0	1.0	0.1	0.1	3
	Transitional and Primary	Cu >0.8%	Indicated	1.9	2.3	1.3	0.4	21
			Inferred	0.4	1.8	2.0	0.3	5
	Zn Dominant Primary	Zn >3%	Indicated	3.2	0.4	6.6	0.2	30
			Inferred	0.4	0.1	6.2	0.1	9
	All zones	Various	Indicated	6.0	1.3	4.2	0.3	28
			Inferred	0.8	1.0	3.8	0.2	7
	TOTAL	Various	Total	6.8	1.3	4.1	0.3	26

Note: CSA Global cautions that the two deposits and three oxidation zones have different metallurgical properties and/or cut-off grades, and this needs to be considered when assessing the combined totals.