

**MOHO RESOURCES LTD**  
EXPLORING FOR A GREENER FUTURE  
GEARING UP FOR EXPLORATION SUCCESS



**INVESTOR PRESENTATION FEBRUARY 2022**

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# COMPETENT PERSONS STATEMENTS

The information in this document that relates to Exploration Results, geology and data compilation is based on information compiled by Ms Lyndal Money, a Competent Person who is a Member of The Australian Institute of Mining and Metallurgy. Ms Money is the Technical Manager for the Company, is a full-time employee and holds options in the Company. Ms Money has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which she 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'. Ms Money consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to the East Sampson Dam Interim Mineral Resource Estimate is based on information compiled and generated by Ms Felicity Hughes, an associate of CSA Global Pty Ltd ("CSA"). CSA consents to the inclusion, form and context of the relevant information herein as derived from the original resource reports. Ms Hughes has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

This presentation is authorised for release by the board.

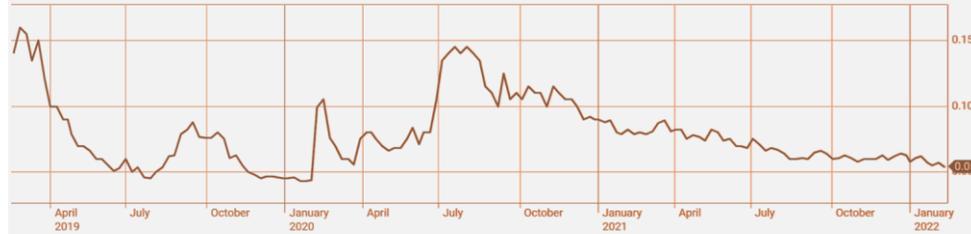


MOH:ASX Up here as well  
**\$0.054 (AUD)**

OPTIONS:ASX  
**\$0.006 (AUD)**

At close of trade 16 Feb 2022

### 3 YEAR SHARE GRAPH



### Top 20 Holders



### SHARES ON ISSUE

**130M**

### OPTIONS ON ISSUE

**84M**

### MARKET CAP

**~\$7M**

(at 5.4cps)

\* Includes 30.6M listed options (MOHO) with \$0.25 exercise price and 9/7/23 expiry, 24M unlisted options with \$0.12 exercise price and 21/2/24 expiry and 20.2M unlisted options with exercise prices ranging from \$0.19 to \$0.50 per share and 34M unlisted options with exercise prices ranging from \$0.085 to \$0.097 per share

# BOARD & TECHNICAL TEAM



**Terry Streeter**  
Non - Executive Chairman

Extensive experience in funding, listing and overseeing junior explorers in all exploration and economic cycles and has served in various roles in the nickel sulphide industry for over 30 years.

Previous Director of Jubilee Mines Non-Executive Director of Western Areas & Fox Resources and additional mining interests.



**Shane Sadleir**  
Managing Director

**Geoscientist BSc (Hons), FAusIMM**

Extensive experience in exploration, mine geology, research, environmental protection, IPOs.

Founding director of Bannerman, Trafford, Ironclad, Scotgold, Athena and NED of Robust



**Ralph Winter**  
Commercial Director

**BCom - Grad Dip Prof Acct, GAICD**

Specialising in corporate affairs & finance, marketing & promotion and business development in both exploration and development companies (Trafford, Ironclad, Robust Resources, Mineral Products).

Director of Breast Cancer Care WA and Owner of Australian Remote Assistance



**Adrian Larking**  
Non - Executive Director

**Previous AMEC Councillor, BSc Hons, MSc, DIC, LLB, GDLP, FAusIMM, MAIG, MCET**

Extensive experience in exploration, mine geology and commerce (Kambalda Nickel Operations, Olympic Dam Operations, various senior management roles in WMC)

Experience as director of listed and unlisted resource companies.

## Technical Team

**Lyndal Money** – Technical Manager. Highly regarded geologist with 20+ years experience in exploration and mining in gold and other commodities in the Kalgoorlie and Southern Cross districts

**Whistlepipe** – Geological and geophysical consultants with over 25 years experience with IGO, Chalice and Gold Road. Key involvement with the discovery of Gonneville PGE-Ni-Cu-Co-Au (concept to drillhole design) at Julimar.

**Jon Hronsky** (geologist) - Chairman of Centre for Exploration Targeting and Australian Geoscience Council, Adjunct Professor at UWA and Macquarie University

**Kim Frankcombe** (geophysicist - Principal of ExploreGeo Pty Ltd. 30+ years experience. Previously senior consultant of Southern Geoscience geophysicists. Extensive expertise in targeting for gold and base metal deposits

**Richard Carver** (geochemist) - 30 years as geochemist with WMC. Particular expertise in gold, nickel and porphyry copper.

# GEARING UP FOR EXPLORATION SUCCESS

## Silver Swan North (WA) Nickel/Gold Project

Nickel sulphide prospects around Poseidon's Black Swan Nickel Operations

East Sampson Dam gold deposit

Tyrells and Hodges gold prospects

## Whistlepipe (WA) Ni-Cu-PGE Projects

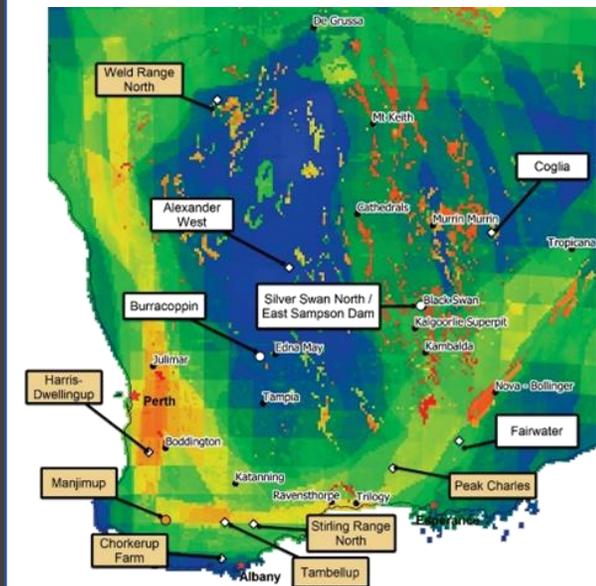
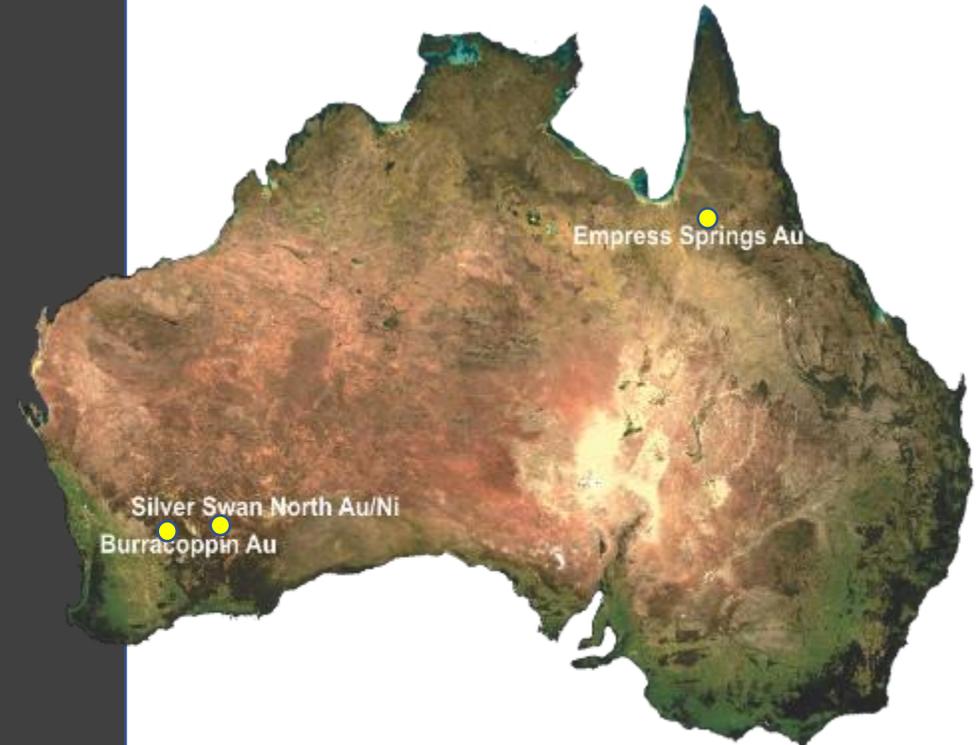
Ni-Cu-PGE prospects in South West Yilgarn Craton

## Burracoppin (WA) Gold Project

Gold and silver potential in underexplored greenstone belt in WA wheatbelt

## Empress Springs (QLD) Gold Project

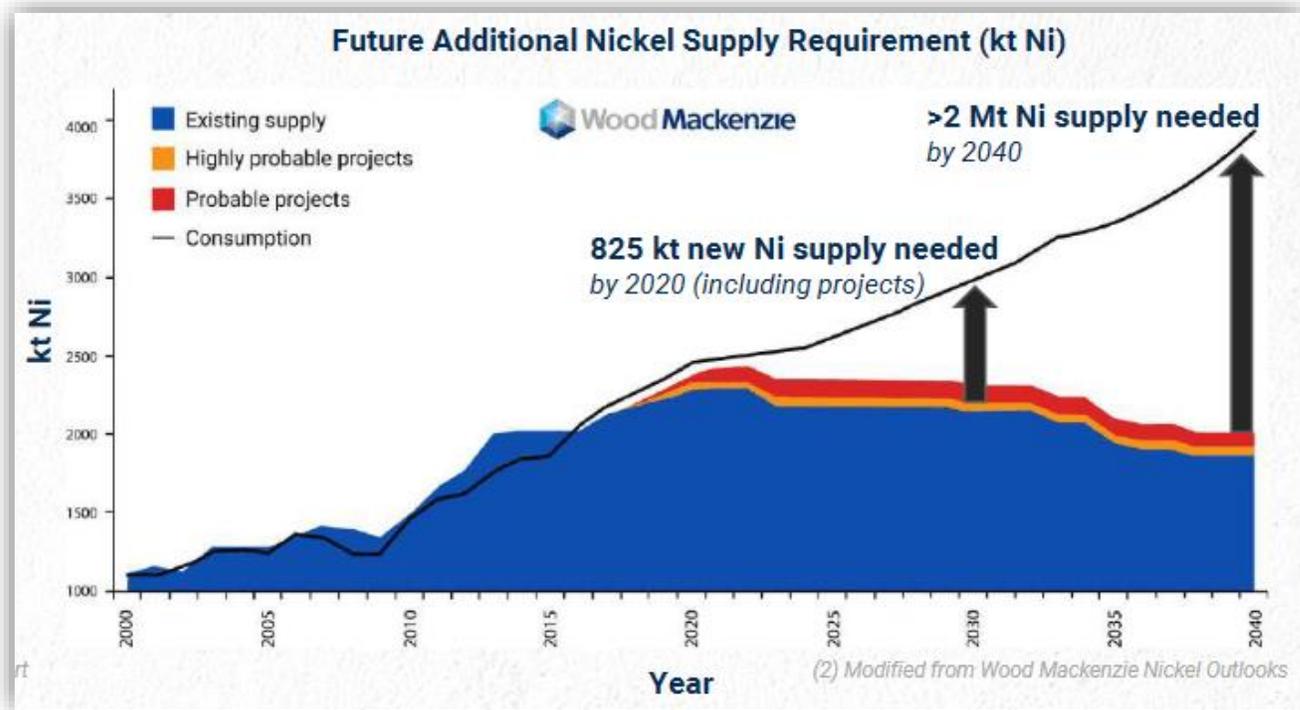
Large belt-scale potential for tier-1 gold deposits in Nth Qld



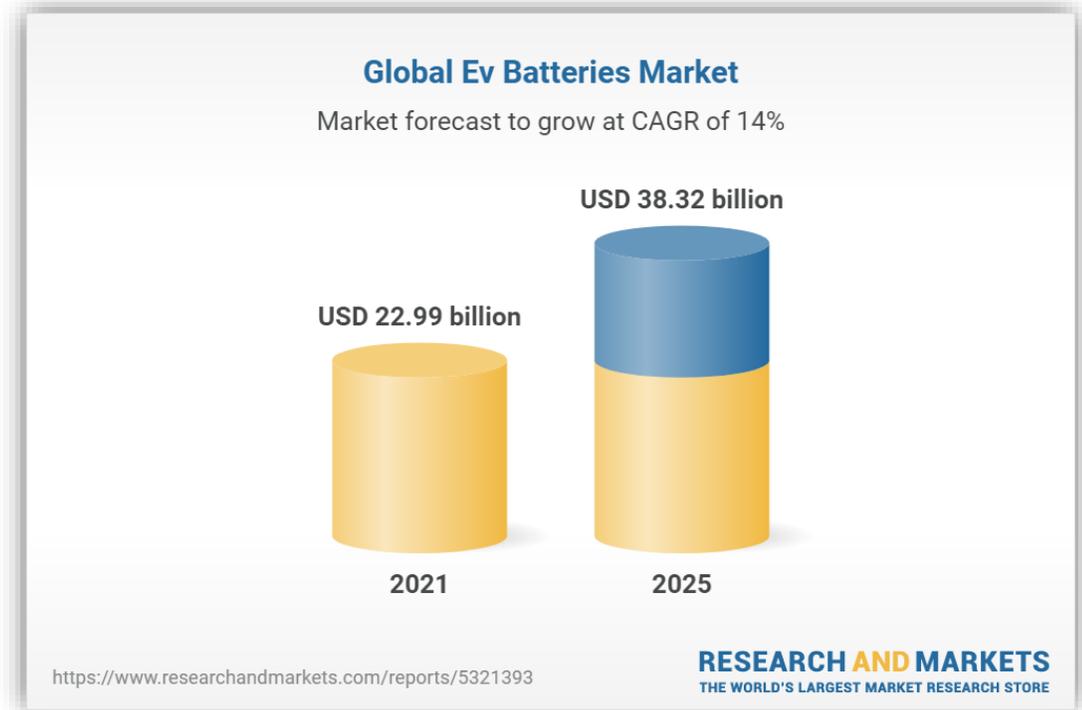


Why Nickel?

# NICKEL DEMAND



Source: Courtesy of Wood Mackenzie – Q4 2021



Source: Courtesy of researchandmarkets.com



# Ni-Cu-PGE PROJECTS

# PHASE 1 – NICKEL STRATEGY

## SILVER SWAN NORTH NICKEL SULPHIDE TARGETS (WA)

### Stage 1 - Omrah Target - untested EM conductor (M27/263)

#### *RC drilling completed*

Diamond Tails delayed due to rig staffing issues from COVID border restrictions. Expected to proceed when a rig can be secured\*

50% of drilling under co-funded by WA government grant up to max \$150,000

### Stage 2 - Wise Target - prospective Ni lithologies (M27/263)

#### *RC drilling completed*

Large magnetic anomalies coincident with prospective ultramafic rocks

Up to 1% Ni identified in historic RC drilling

### Stage 3 – Recently granted E27/623 close to Poseidon’s nickel operations

Prospective for nickel and gold mineralisation

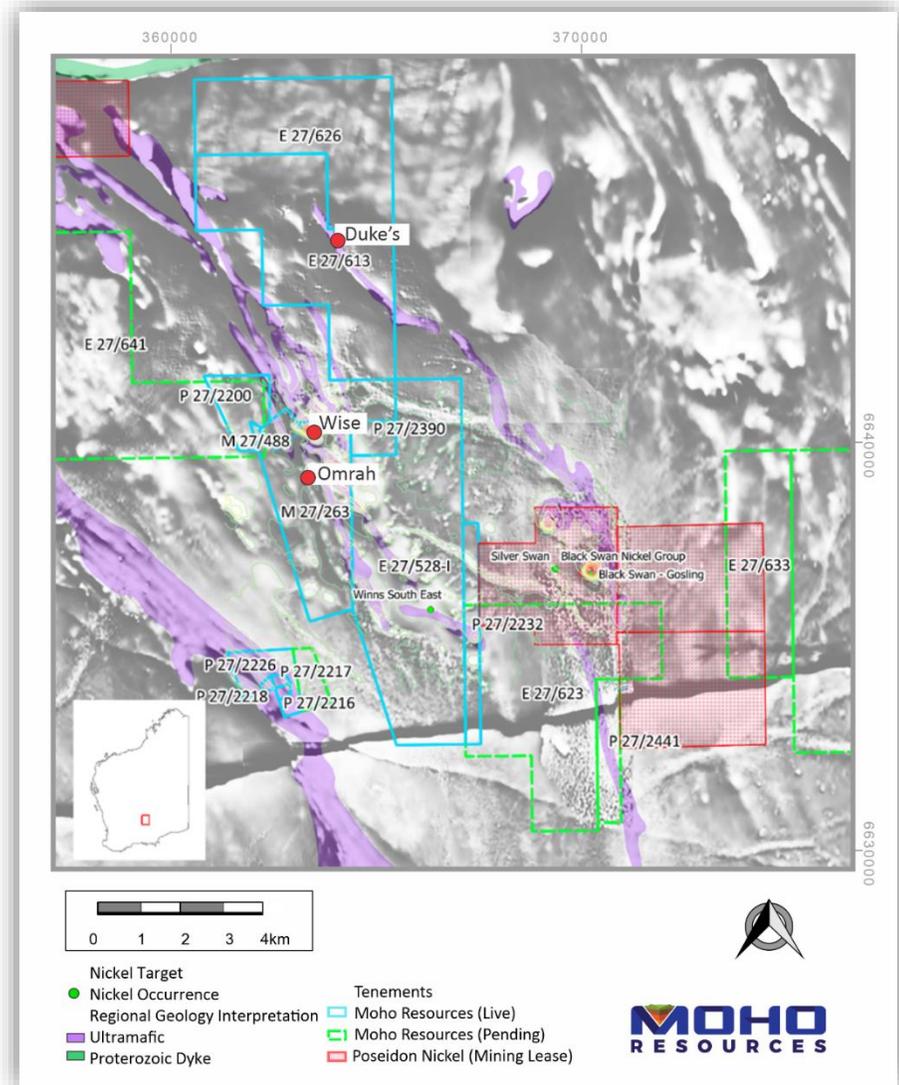
#### *Data review and exploration planning underway*

### Stage 4 - Dukes Target - anomalous levels of Ni in soil

Broad anomalous zone approximately 3km in length

Anomalous area to be tested with aircore drill program

\*Subject to rig Availability



## PHASE 1 (STAGE 3) – NICKEL STRATEGY

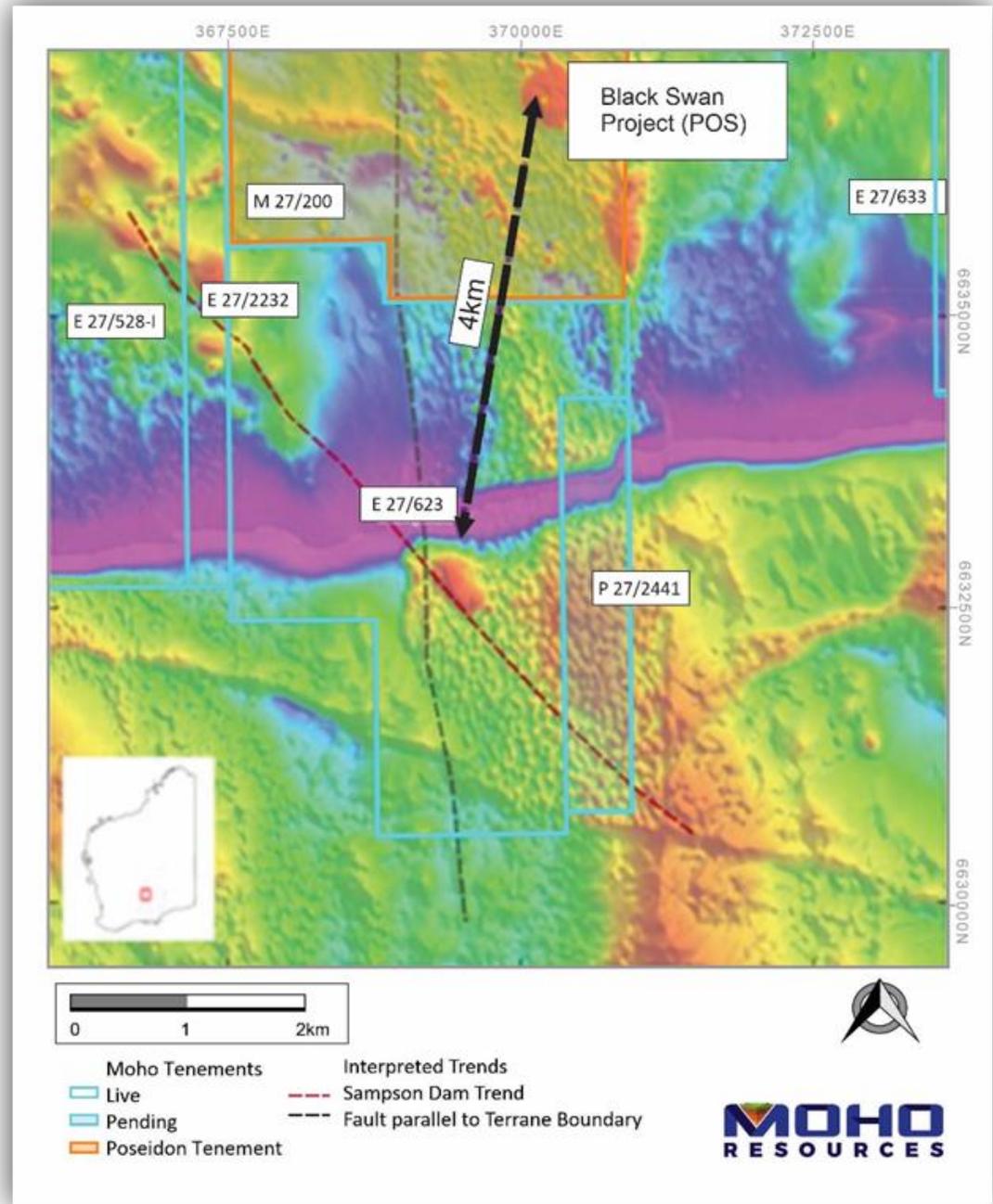
# MOHO GRANTED TENEMENT ADJOINING POSEIDON'S NICKEL DEPOSIT

E27/623 granted to Moho on 14/12/21 –  
prospective for gold and nickel

Adjoins the southern boundary of Poseidon  
Nickel Ltd's Black Swan Nickel Operation

Extraordinarily high grade nickel intersections  
reported by Poseidon on 20/12/21 at Silver  
Swan, including 15m @ 17.92% Ni from 285m  
(PTMD018)

*Technical review and development of  
exploration program underway focused on  
target generation prior to EM surveys and  
drilling*



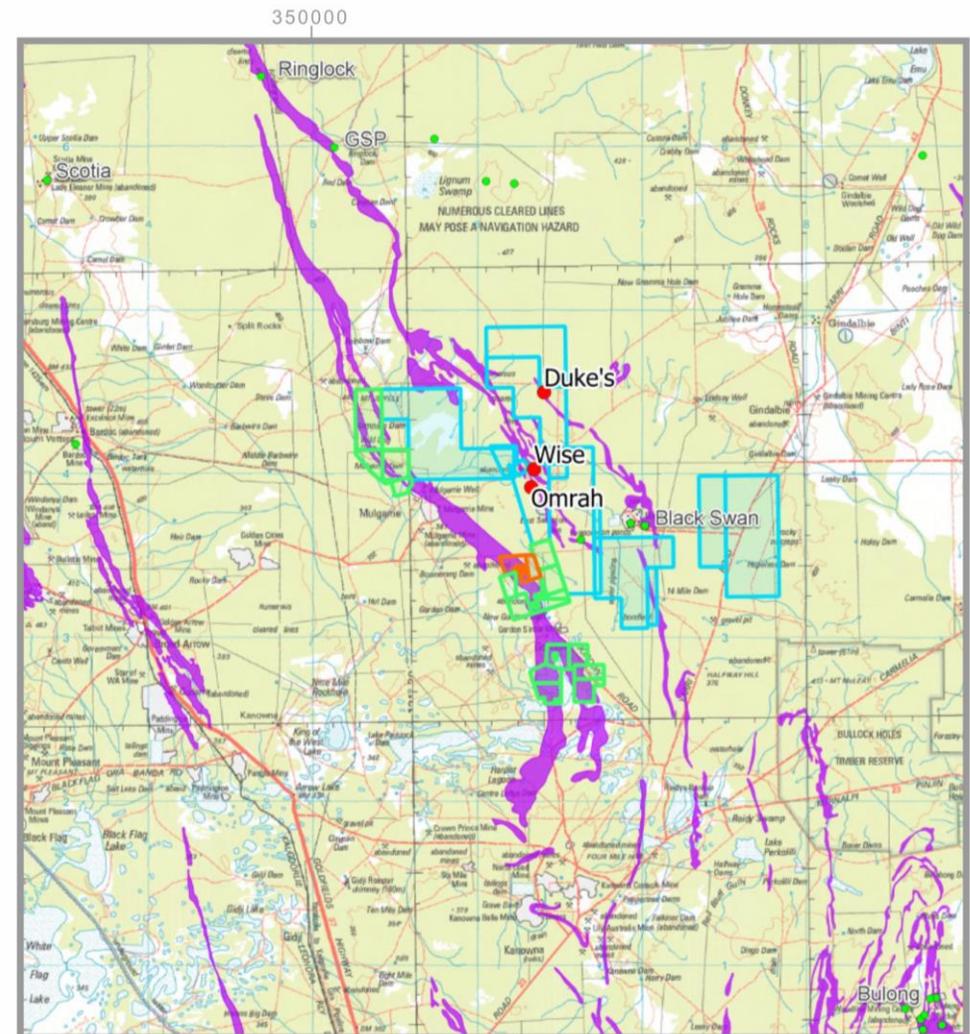
## PHASE 2 – NICKEL STRATEGY

# INCREASED NICKEL EXPOSURE AT SILVER SWAN NORTH (WA)

Moho to acquire strategic nickel rights in 20 mining tenements in deal with Yandal Resources Ltd (Yandal)

Tenement package covers ~8.7km<sup>2</sup> of prospective mafic-ultramafic stratigraphy known to host nickel sulphide mineralisation

Deal includes the sale to Yandal of five tenements (Moho to retain Au royalty)



- Moho Tenements
  - LIVE
  - PENDING
- Moho-Yandal Swap
- YRL Ni Rights
- MOH Swap
- GSWA Interperated Ultramafic
- Current Ni Targets
- Mindex Ni Occurrence



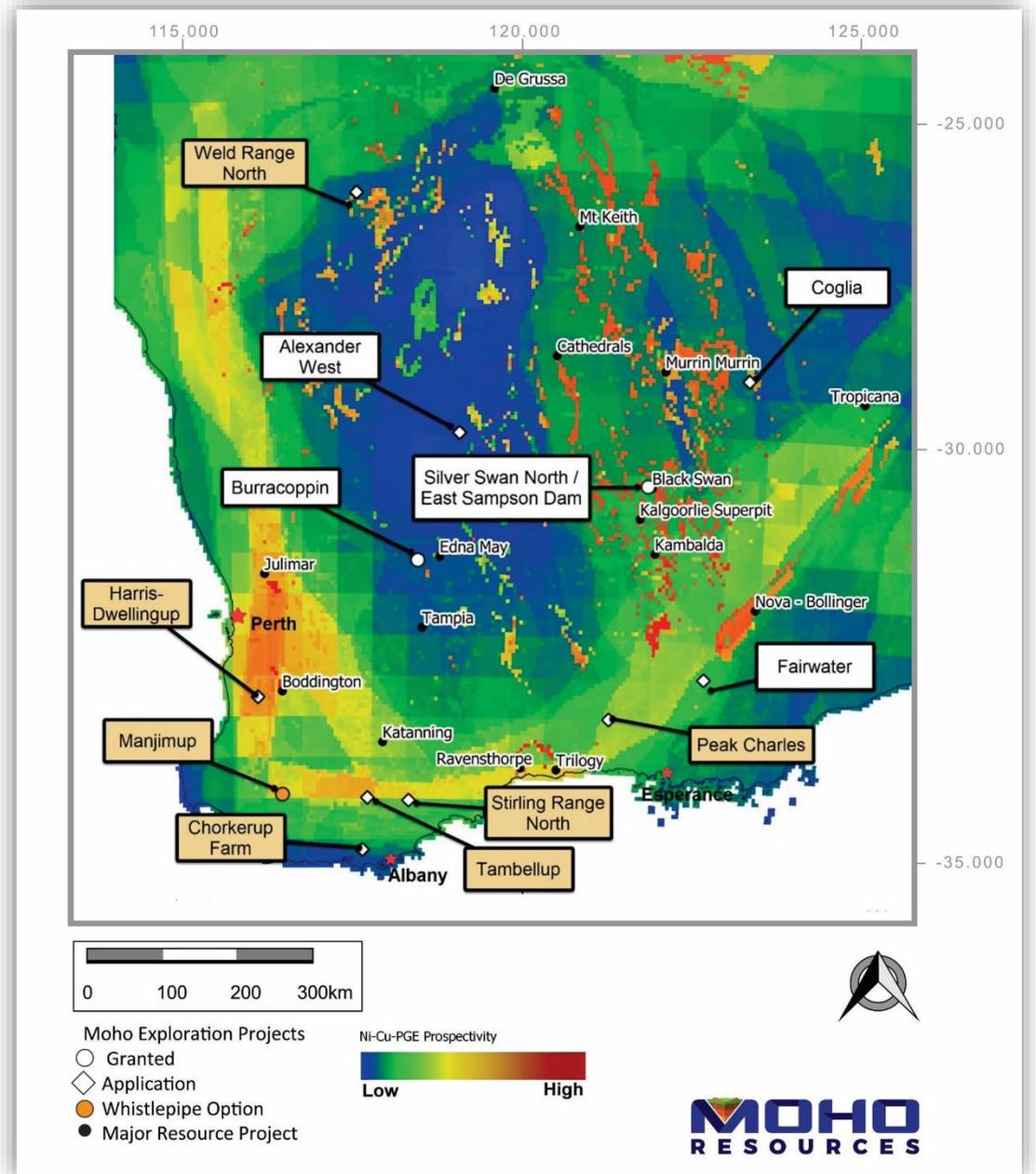
## PHASE 3 – NICKEL STRATEGY

# WHISTELPIPE Ni-Cu-PGE TARGETS (WA)

Ni-Cu-PGE prospectivity supported using Geoscience Australia's Mineral Potential Mapper program

11 exploration licence applications lodged over 6 Whistlepipe targets prospective for nickel and associated battery and precious metals

*Technical review and exploration planning of granted exploration licence at Manjimup underway*





SILVER SWAN NORTH GOLD PROJECT

# EAST SAMPSON DAM GOLD PROJECT

M27/263 - granted Mining Lease (100% Moho ownership)

Close proximity to mining infrastructure and toll milling facilities

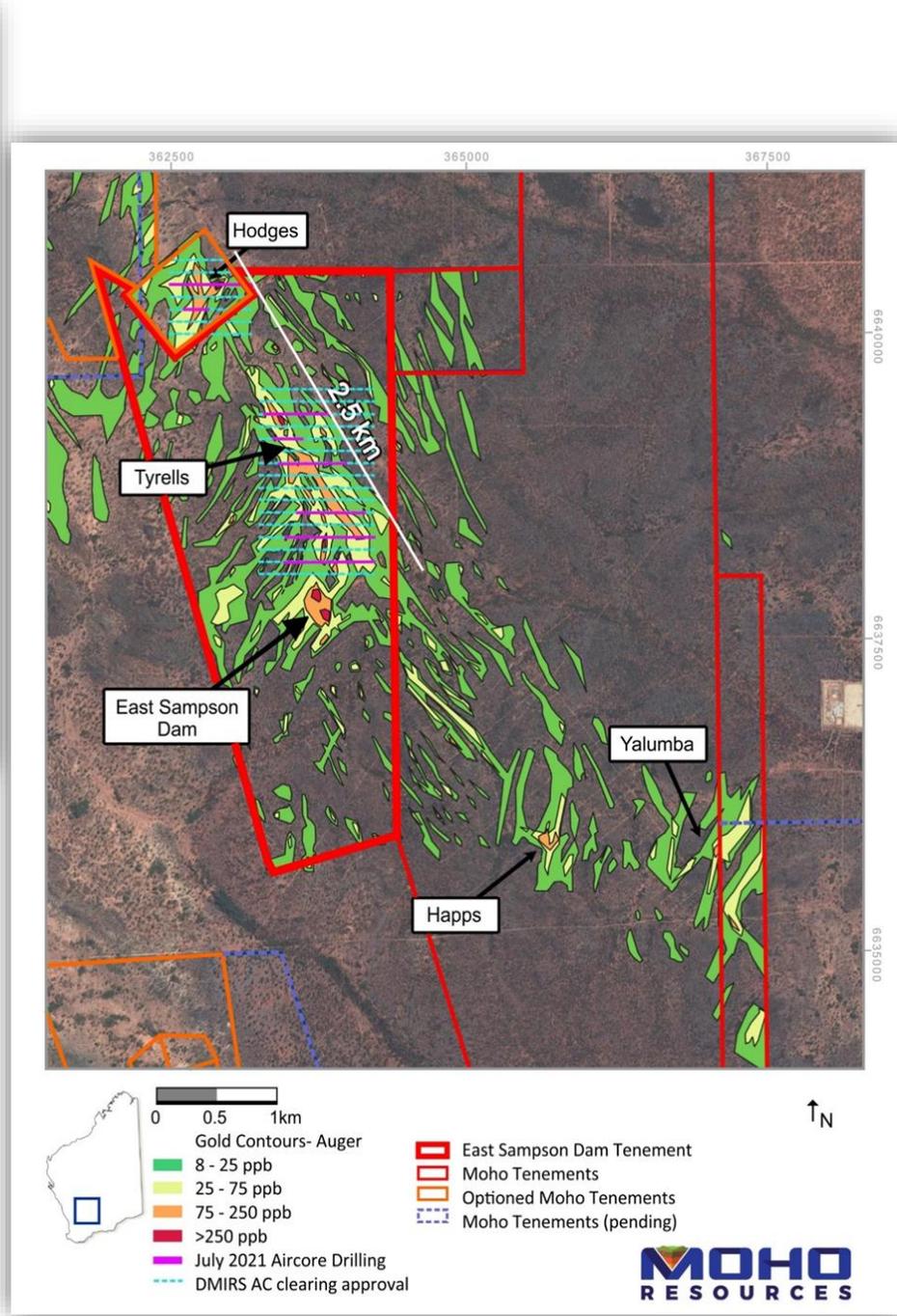
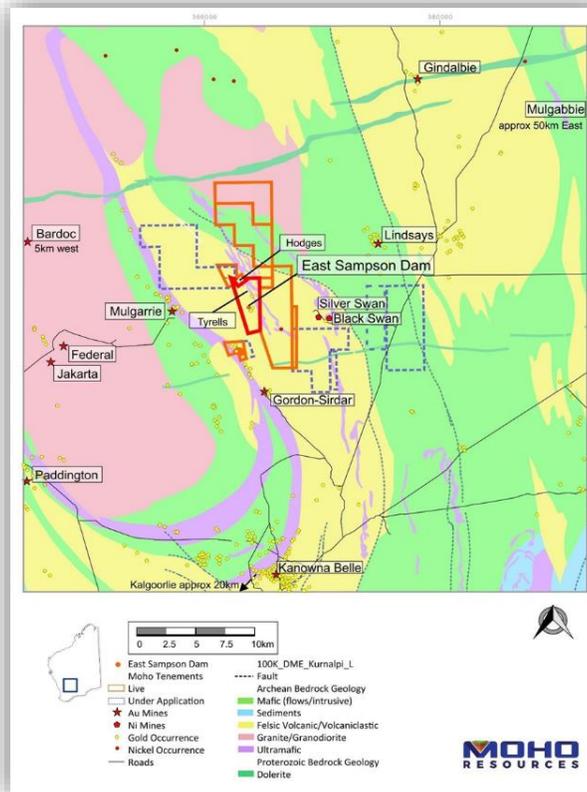
Highest grade maiden JORC resource (21,600 oz Au) at East Sampson Dam:

- excellent metallurgical testwork results (95% recovery)
- Mineralisation open at depth and along strike
- extensive gold in soil anomalism across project

*Awaiting outcome of pit optimisation studies*

*Moho evaluating options to monetise the project*

*Multiple bedrock gold anomalies identified in recent aircore drilling at nearby Tyrells and Hodges prospects*



# POSITIVE AIRCORE GOLD RESULTS AT TYRELLS AND HODGES

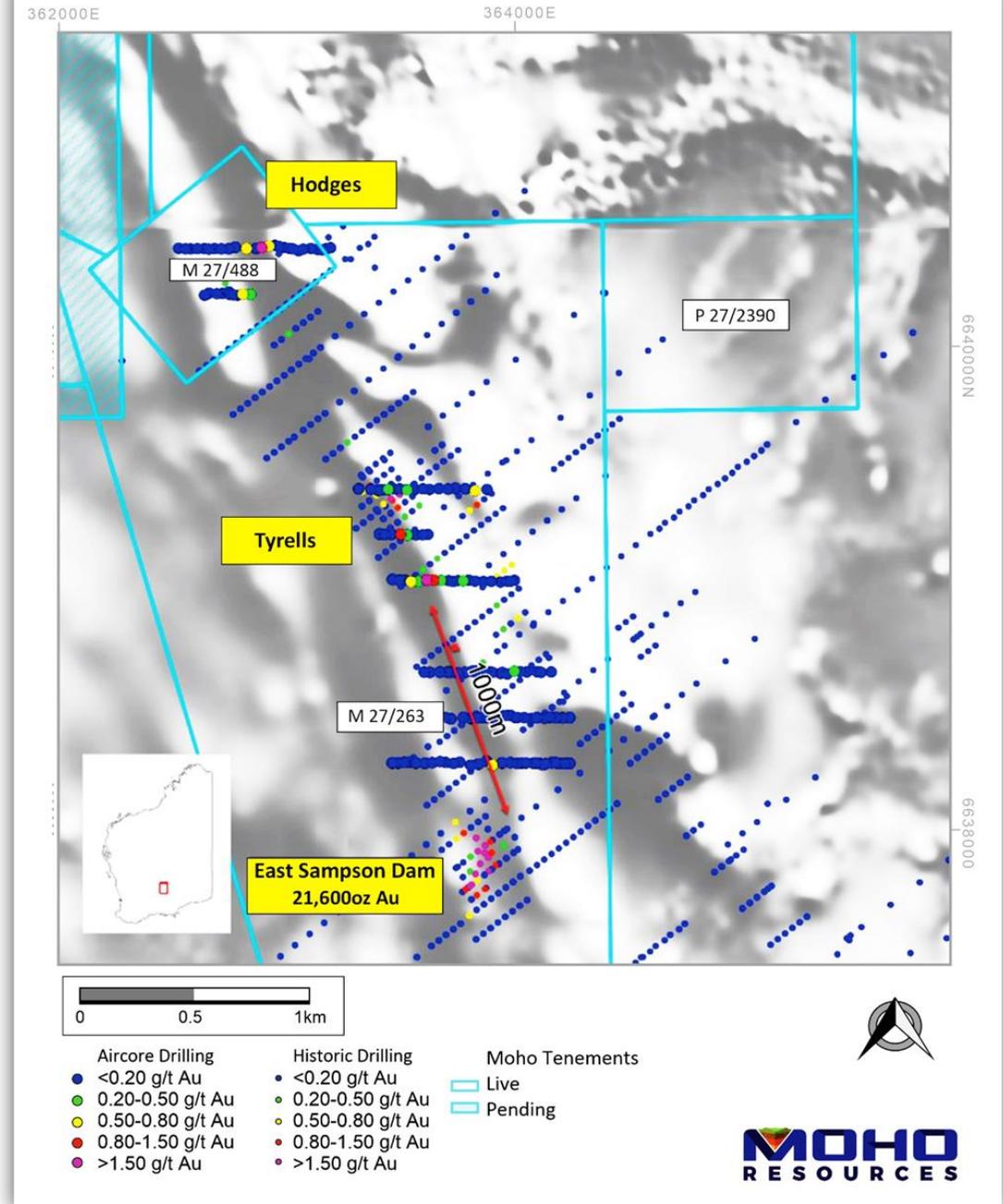
## Multiple bedrock gold anomalies identified

>800m long structurally-controlled, mineralised corridor identified at Tyrells

- main bedrock anomaly located ~1km north northeast of East Sampson Dam gold deposit
- Best results:
  - SSA0091 - 8m @ 1.05g/t Au from 48m, including 4m @ 1.54g/t Au from 48m
  - SSA0090 - 8m @ 0.57g/t Au from 52m
  - SSA0016 - 8m @ 0.56g/t Au from 16m

Mineralisation at Hodges associated with dolerite/ultramafic contact with chlorite-silica alteration

- Best results:
  - SSA0146 - 12m @ 0.74g/t Au from 48m, including 1m @ 1.67g/t Au from 59m
  - SSA0145 - 12m @ 0.57g/t Au from 12m





# BURRACOPPIN GOLD PROJECT

# BURRACOPPIN (WA) - Au NEW DISCOVERY IN GREENSTONE BELT

Moho (70%) in JV with IGO Ltd; 100% Moho owned tenure on adjacent ground

In wheatbelt ~20km west of Ramelius's Edna May Gold operation and plant

Four priority areas for further exploration including Crossroads prospect

*Recent diamond drilling at Crossroads prospect confirms previous RC results -*

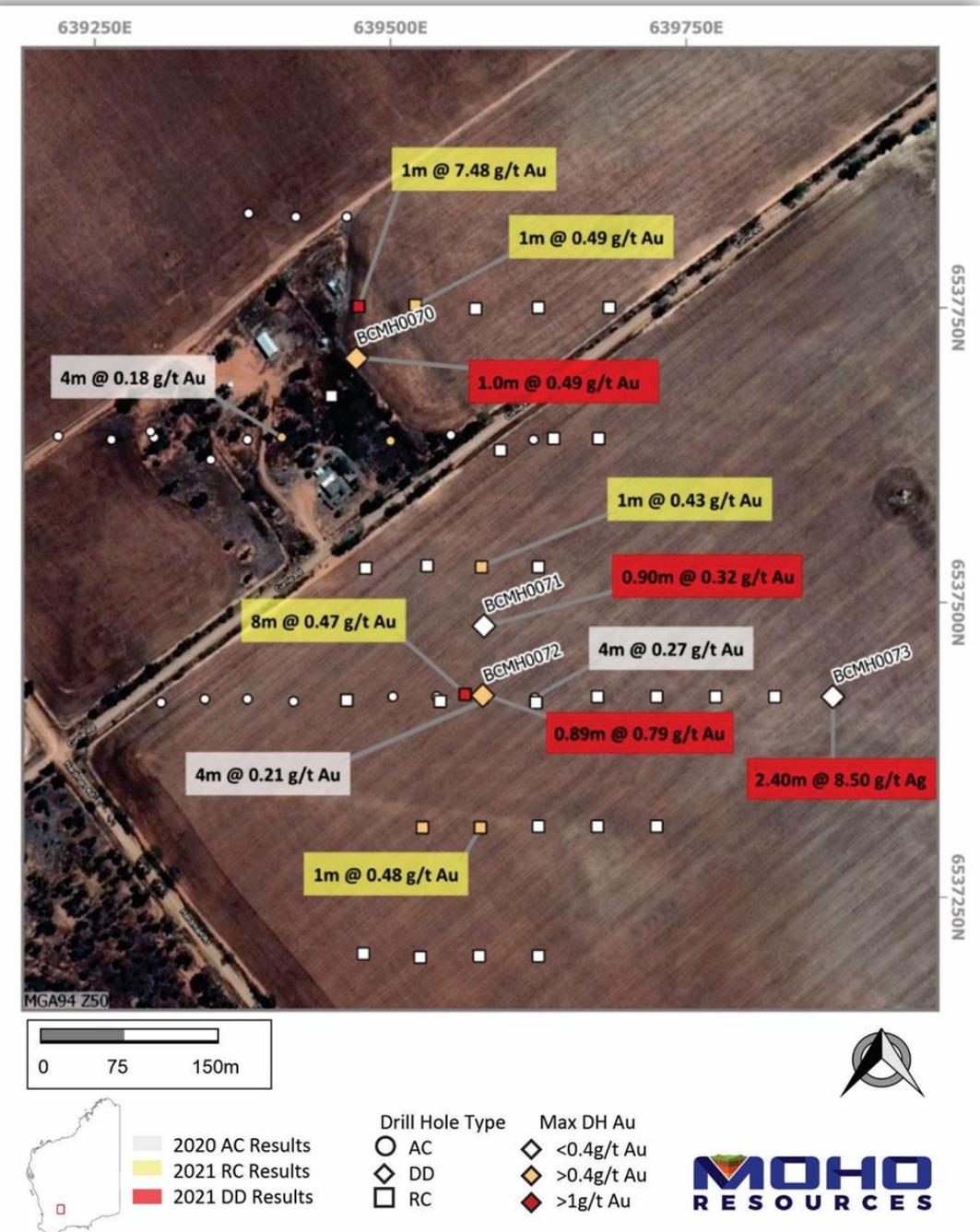
*Best gold results include:*

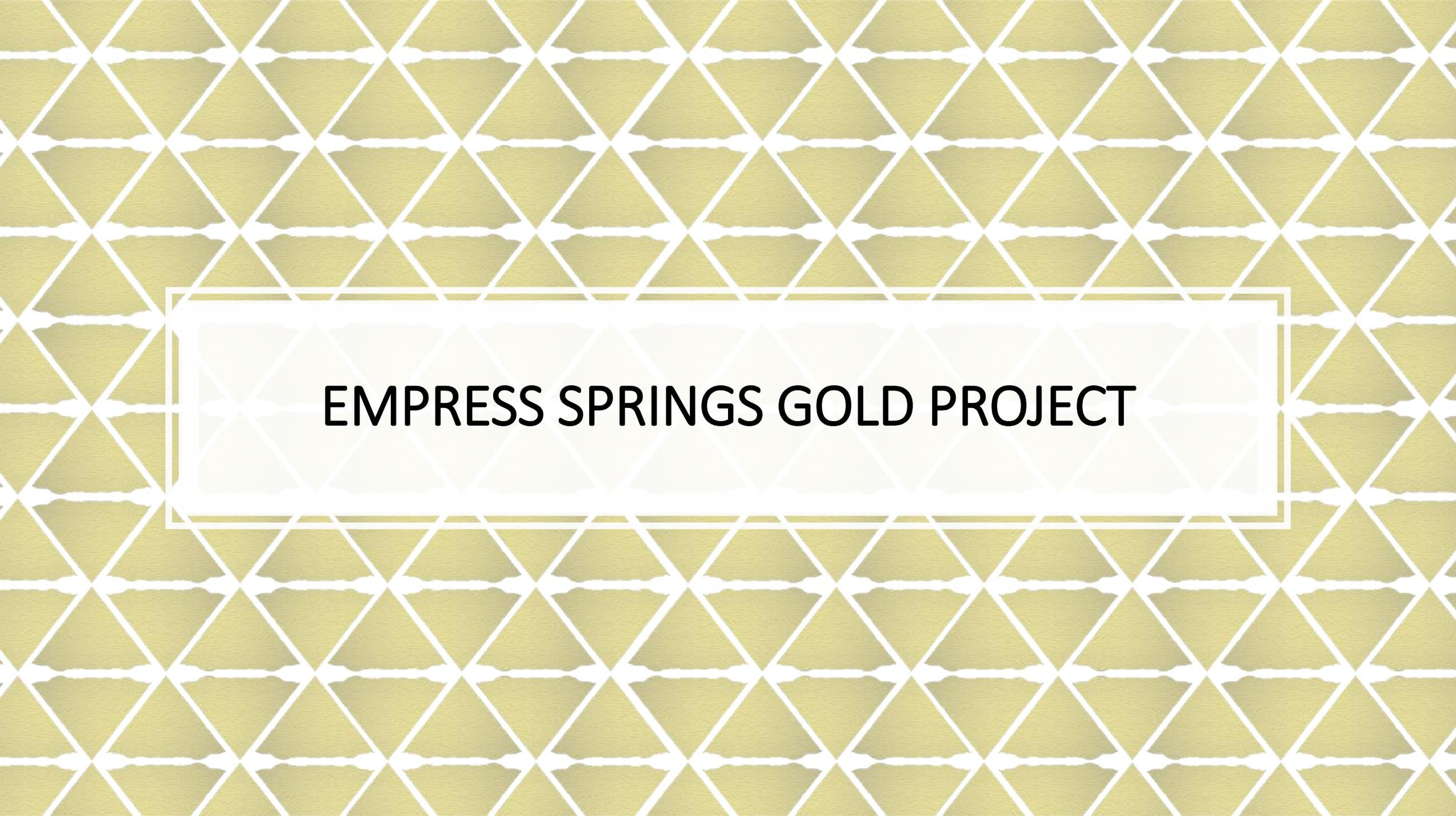
- 0.89m @ 0.79g/t Au from 75.91m (BCMh0072)
- 1m @ 0.49 g/t Au from 29.2m and 1m @ 0.41 g/t Au from 55.5m (BCMh0070)

*Broad, > 50m thick anomalous N-S gold zone confirmed*

*Gold mineralisation remains open to the north, west and at depth*

*Significant silver mineralisation intersected in three holes, including 2.4m @ 8.50 g/t Ag from 12.4m in BCMh0073*





**EMPRESS SPRINGS GOLD PROJECT**

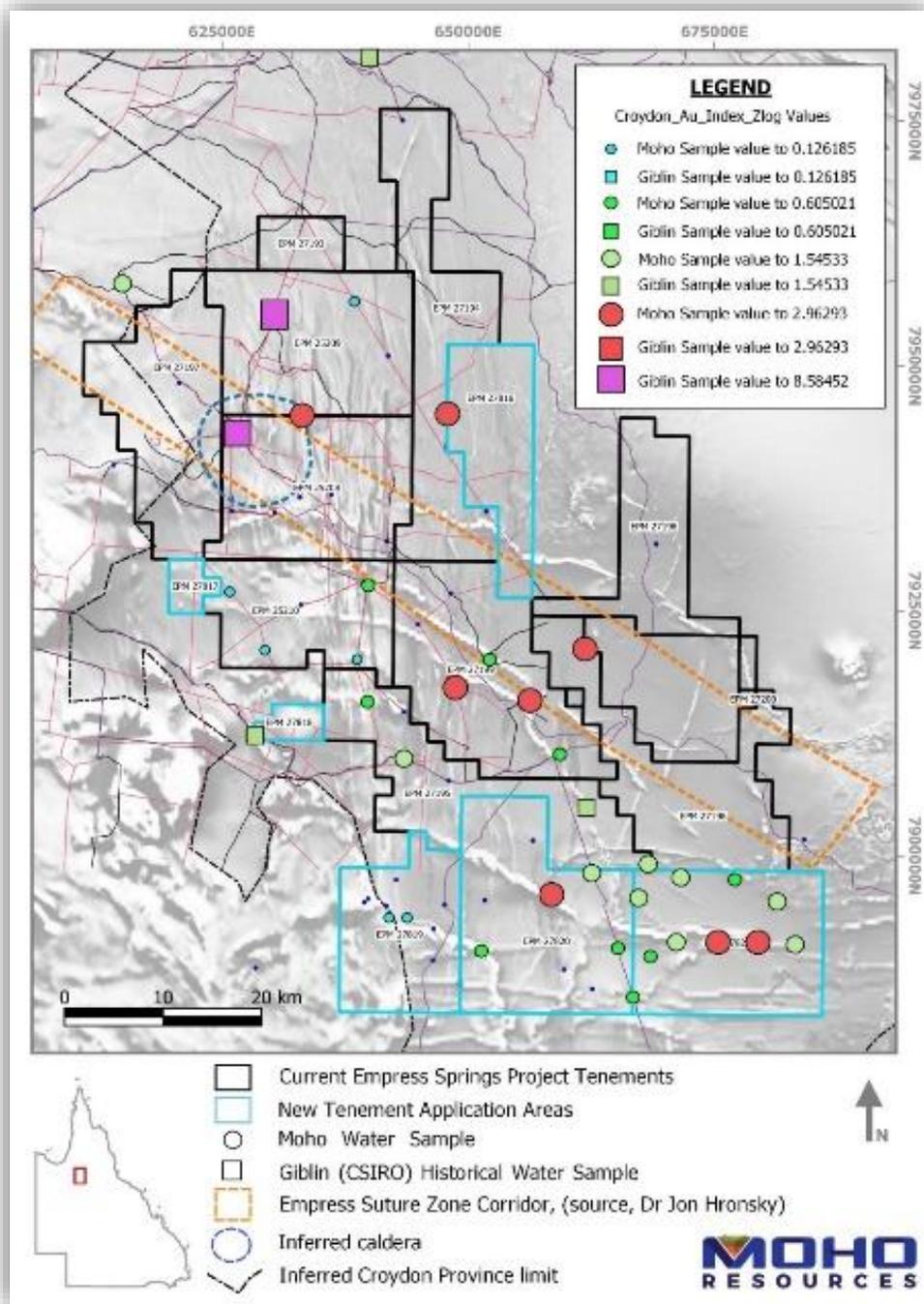
# EXTENSIVE HYDROGEOCHEMICAL GOLD ANOMALISM AT EMPRESS SPRINGS

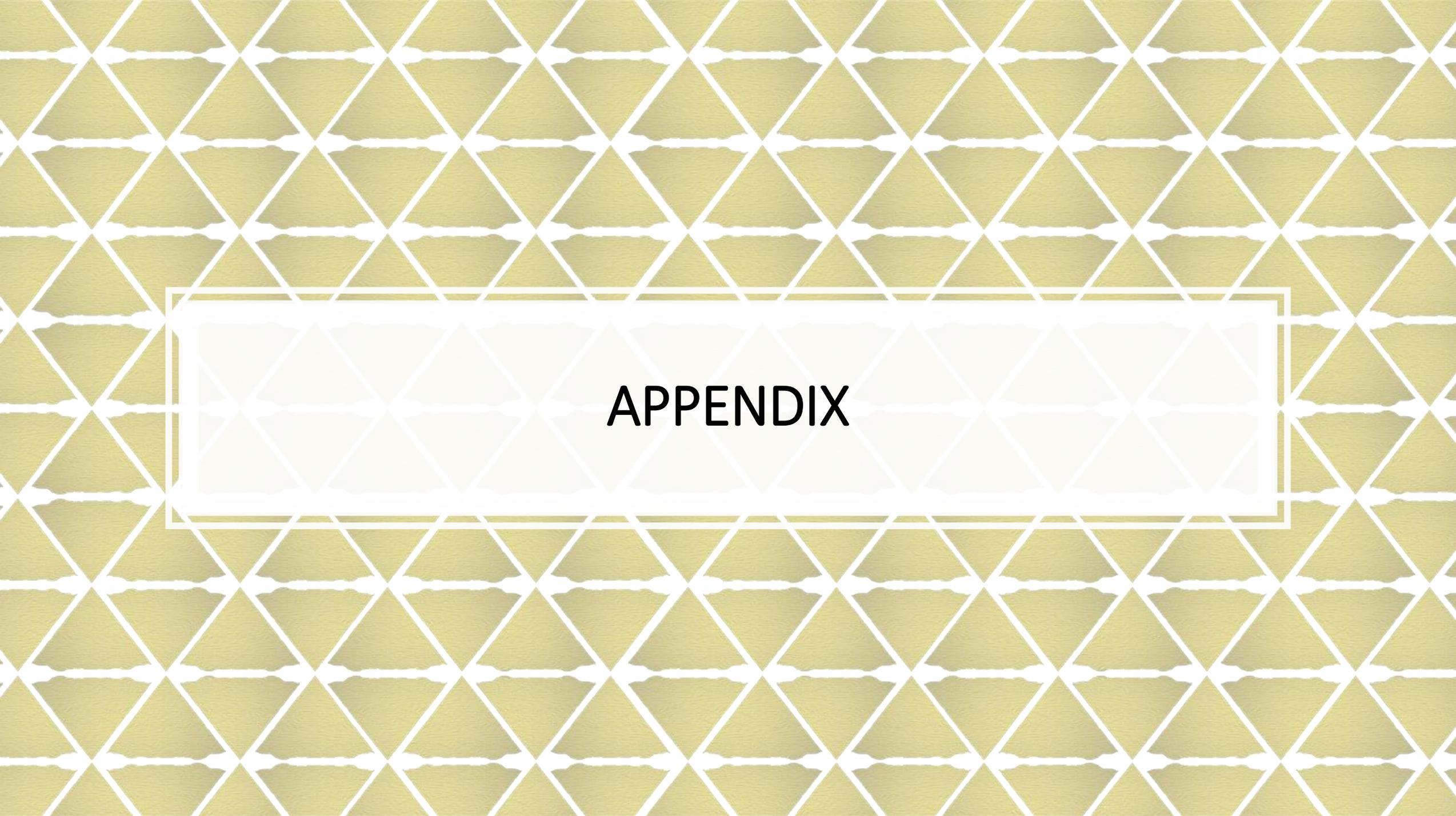
Key outcomes of hydrogeochemical survey by Moho in 2020 in collaboration with the CSIRO and IGO:

- strong gold anomalism identified in ~90km zone in basement across the Empress Springs project; new zones identified
- gold anomalies fall within the top 1% of ground water gold anomalism nationally identified by the CSIRO
- strong NW-SE trend of anomalism matches major trans crustal structure interpreted by Dr Jon Hronsky
- highly anomalous tin, tungsten, molybdenum 'porphyry' intrusive signature observed in basement

Moho awarded \$200,000 CEI grant in August 2021 by Queensland's DNRME to follow up hydro-geochemical anomalies

*Geochemical drilling program scheduled following wet season ~ Q2 2022*





# APPENDIX

# EAST SAMPSON DAM INTERIM MINERAL RESOURCE ESTIMATE

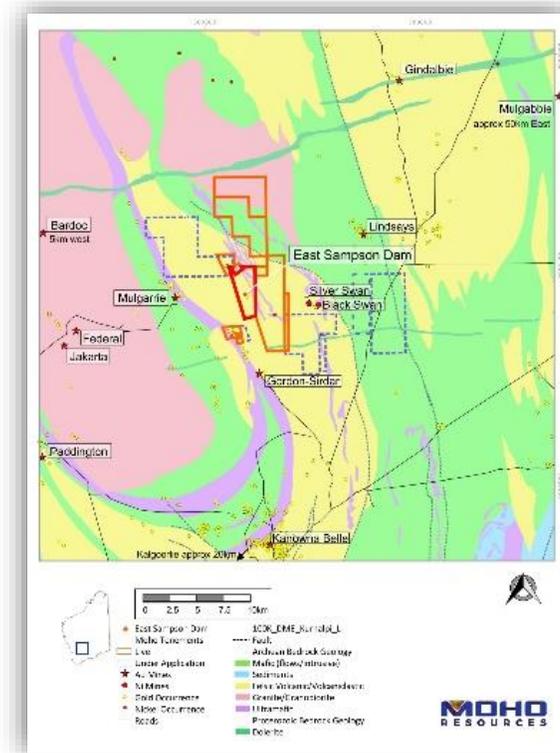
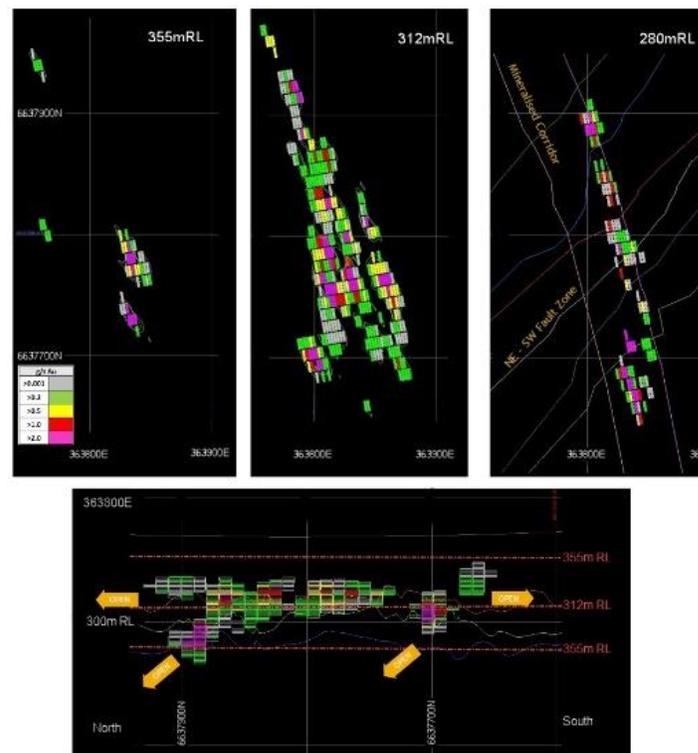
264,000 t @ 2.5g/t Au for 21,600 ounces Au at 0.5g/t cut-off grade<sup>1</sup> for Interim JORC 2012 Mineral Resource Estimate (MRE)

70.2% (13,800 ounces) of MRE in Indicated category - provides scope to expedite mining at ESD

93% (19,000 oz) of MRE located within softer, near-surface zones

MRE grade highly sensitive to cut-off, increasing to 4.3g/t Au for 18,700 oz Au at 1.0 g/t Au cut-off grade

<sup>1</sup>As announced to the ASX on 20 July 2021 (ASX:MOH)



Domain	Class	Tonnes (kt)	Au g/t	Au Metal (koz)
OXIDE	Indicated	68.4	2.3	5.0
	Inferred	14.4	3.2	1.5
	Total	82.9	2.4	6.4
LOWER SAPROLITE	Indicated	81.7	2.0	5.3
	Inferred	34.5	3.3	3.6
	Total	116.2	2.4	9.0
TRANSITION	Indicated	29.0	3.4	3.2
	Inferred	18.2	3.9	2.3
	Total	47.2	3.6	5.5
FRESH	Indicated	6.6	1.3	0.3
	Inferred	11.8	1.2	0.5
	Total	18.4	1.2	0.7
TOTAL	Indicated	185.7	2.3	13.8
	Inferred	78.9	3.1	7.8
	Total	264.6	2.5	21.6