

RIU RESURGENCE CONFERENCE

23 NOVEMBER 2022



M O H O
R E S O U R C E S

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With reference to previously reported Exploration results and mineral resources included in this presentation, the company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves 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 been materially modified from the original market announcement.

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MOHO VALUES & DIRECTION

VALUE CREATION WITH RENEWED CRITICAL MINERALS EXPLORATION STRATEGY

DIVERSE PROJECT PORTFOLIO ACQUIRED IN STRATEGIC AUSTRALIAN LOCATIONS

WORLD CLASS TECHNICAL TEAM ESTABLISHED TO ADVANCE KEY PROJECTS

EARLY CASH FLOW POTENTIAL FROM ESTABLISHED GOLD RESOURCE

MOHO IS INVESTING IN THE FUTURE OF MINERALS ESSENTIAL FOR SUSTAINABLE TECHNOLOGIES

MOHO IS PRIORITISING GROWTH IN AUSTRALIA'S CRITICAL MINERAL RESERVES



Moho Quick Facts:

10 Projects

2 states

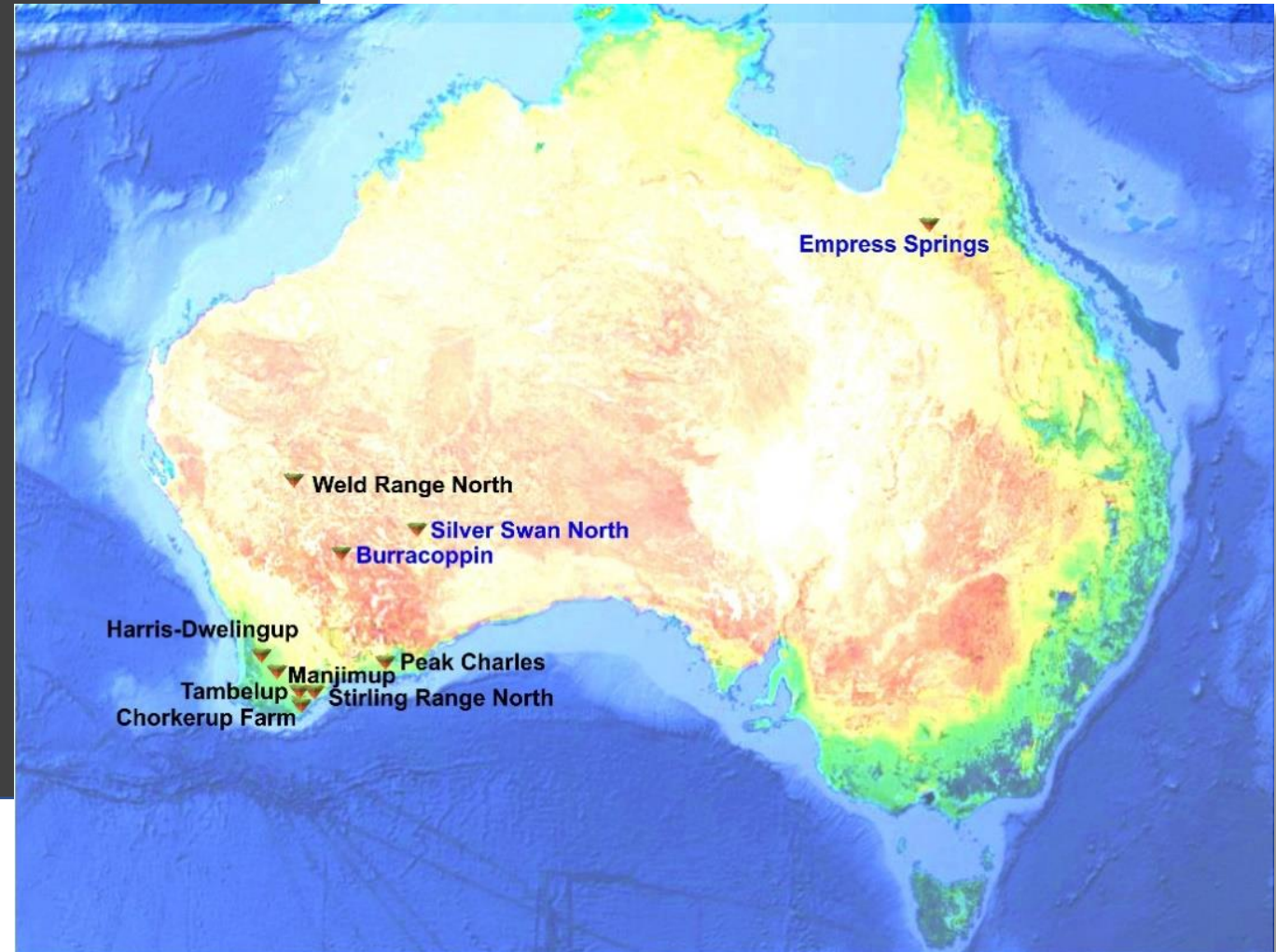
5 Commodities

Over 5,500km² of Exploration ground

2 Joint Ventures with IGO

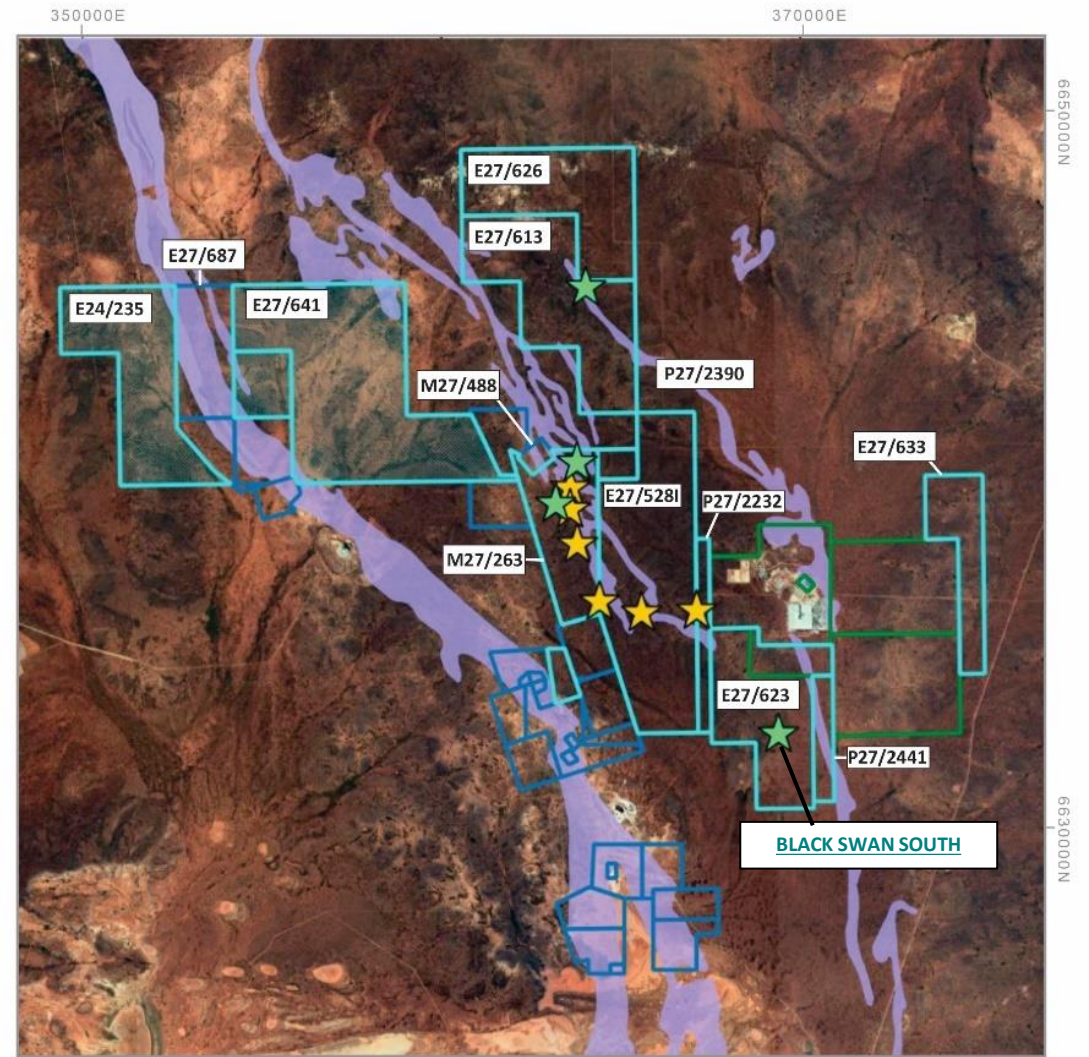
Over 30,000m of drilling completed

Over 12 individual drill campaigns



“The Moho team eagerly awaits the assay results of the RC drilling further unlocking the potential for nickel sulphides discovery at Silver Swan North. These programs further bolster the company’s critical minerals strategy and increase the strength of our exceptional project portfolio.”

SILVER SWAN NORTH NICKEL SULPHIDE TARGETS (WA)



- Moho Tenements (Live)
- Moho Tenements (Pending)
- Optioned Tenements
- POS Tenements
- Black Swan Mine
- Ultramafic
- Ni Prospects
- Au Prospects



BLACK SWAN SOUTH

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

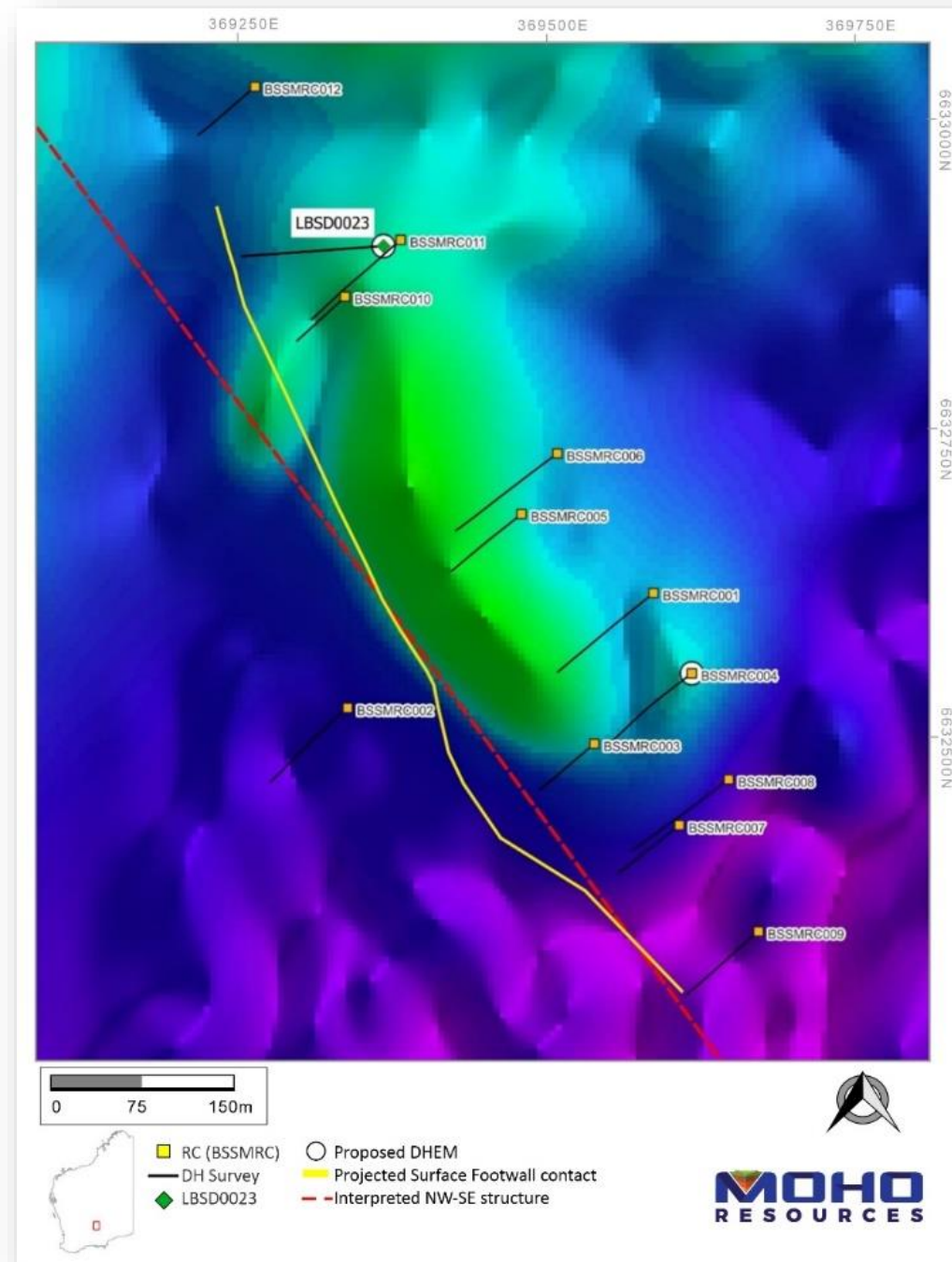
Magnetic high target only 4km from Black Swan nickel operations

12 holes drilled

Assay analysis expected within several weeks

Drilling successfully outlined basal contact of target komatiite ultramafics

Komatiite sequence is open to southeast but closed off to northwest



DUKES & DUKES NORTH

Coincident Ni & Cu soil anomalies extending over 2.5km overlying a 3.6km long magnetic anomaly

Prospect has never been drill tested

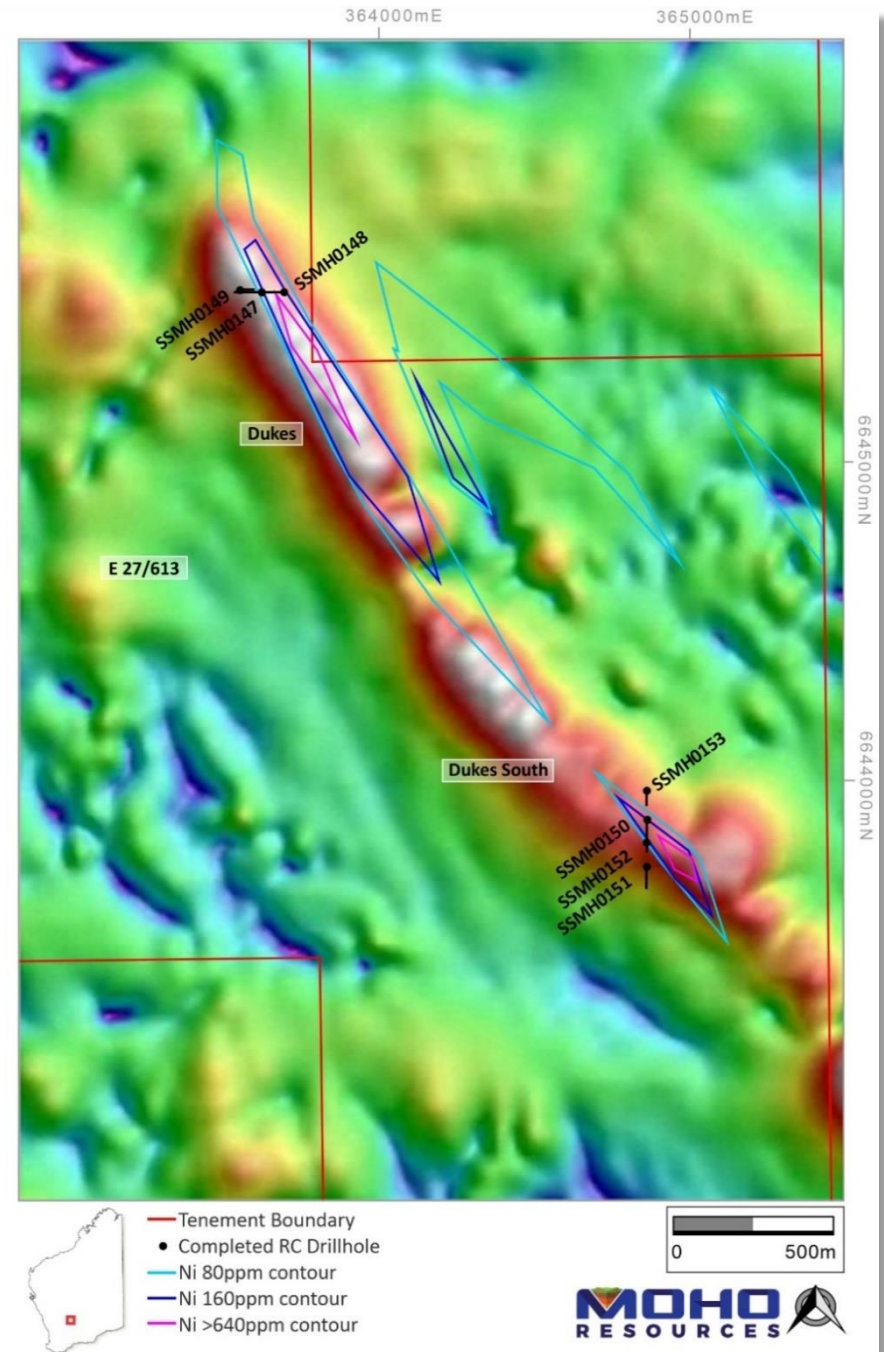
7 RC holes drilled for 1,806m completed

Assay analysis expected in ~6-8 weeks

All 3 holes at northern end intersected ultramafics

All 4 four holes at southern end intersected same ultramafics over a width of >200m

Ultramafic appears to be a layered ultramafic intrusive sill



T3 & T4 NICKEL TARGETS

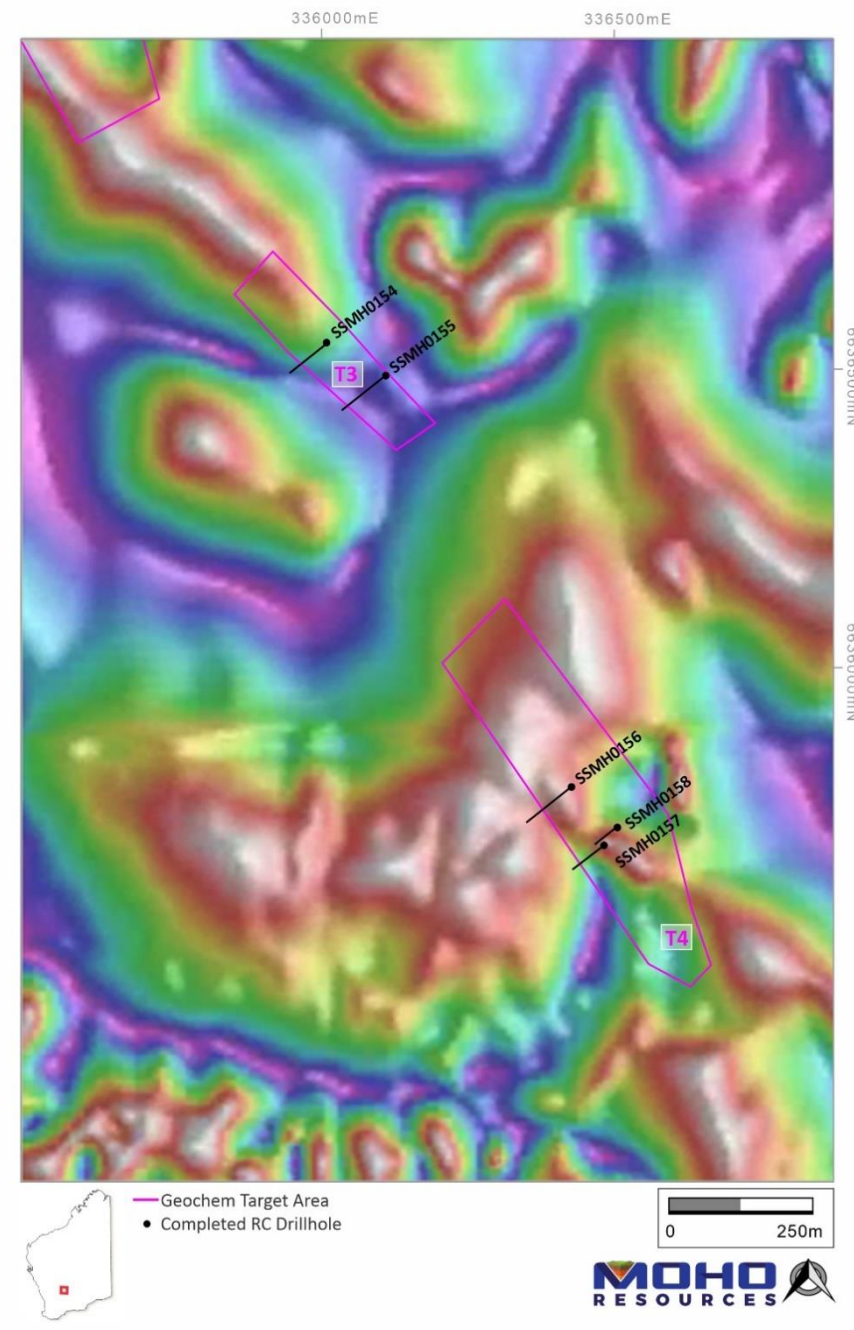
<5km east of the Silver Swan Nickel mine

Assay analysis expected in ~6-8 weeks

T3 following up NiQuest RAB hole ESR143 with 30m @ 1633ppm Ni and 222ppm Cu, targeting the komatiite footwall contact

T4 following up NiQuest RAB holes SR131 with 10m @ 2800ppm Ni and 138ppm Cu and ESR219 which intersected 10m @2000ppm Ni and 449ppm Cu, targeting the komatiite footwall contact

Evidence of magmatic Nickel sulphides based on geological logging and pXRF, deepest intercept (46m to 49m) incl. 1m @ 3333ppm Ni, 114ppm Cu and 203ppm Co



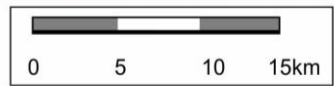
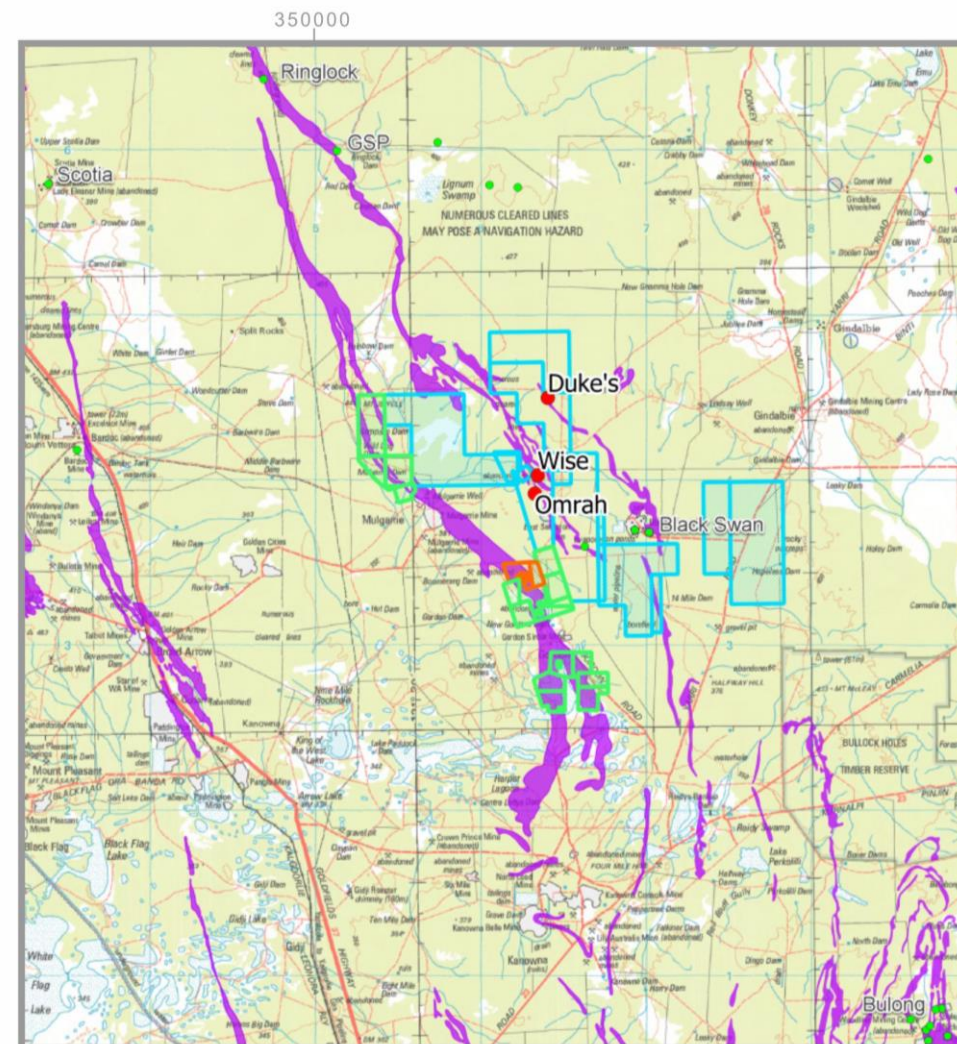
INCREASED NICKEL EXPOSURE AT SILVER SWAN NORTH (WA)

Moho acquired strategic nickel rights on 20 mining tenements in deal with Yandal Resources Ltd (Yandal)

Tenement package covers ~8.7km² 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)

Undergoing analysis and exploration planning

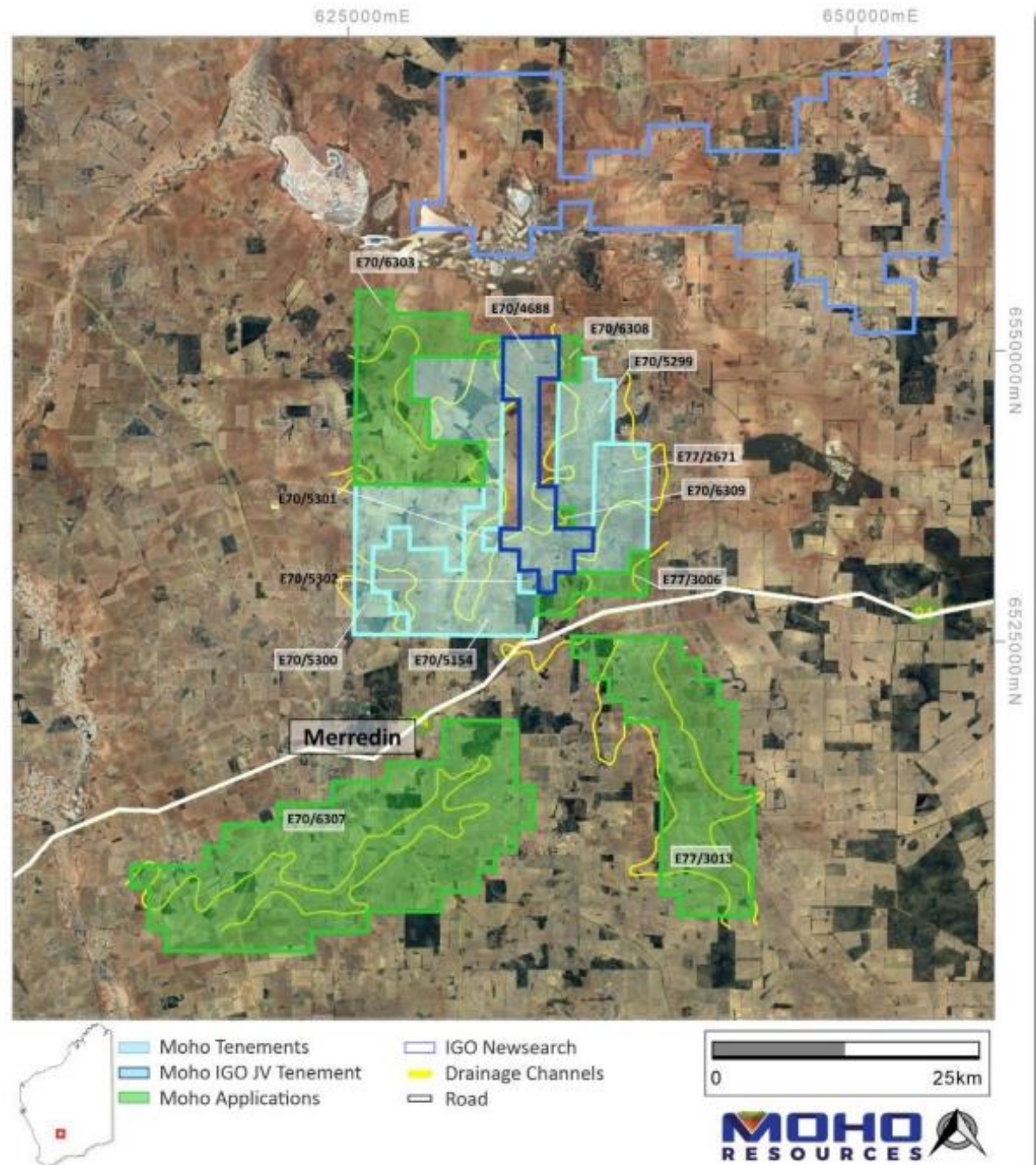


- Moho Tenements
 - LIVE
 - PENDING
- Moho-Yandal Swap
- YRL Ni Rights
- MOH Swap
- GSWA Interperated Ultramafic
- Current Ni Targets
- Mindex Ni Occurrence



“Moho’s exploration strategy is opening up new avenues for greater value creation for our shareholders, with the forecast demand for critical minerals expected to be strong for many years to come.”

BURRACOPPIN REE & LITHIUM (WA)



BURRACOPPIN REE (WA)

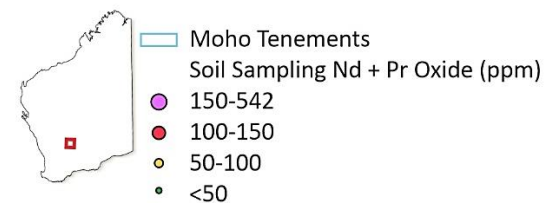
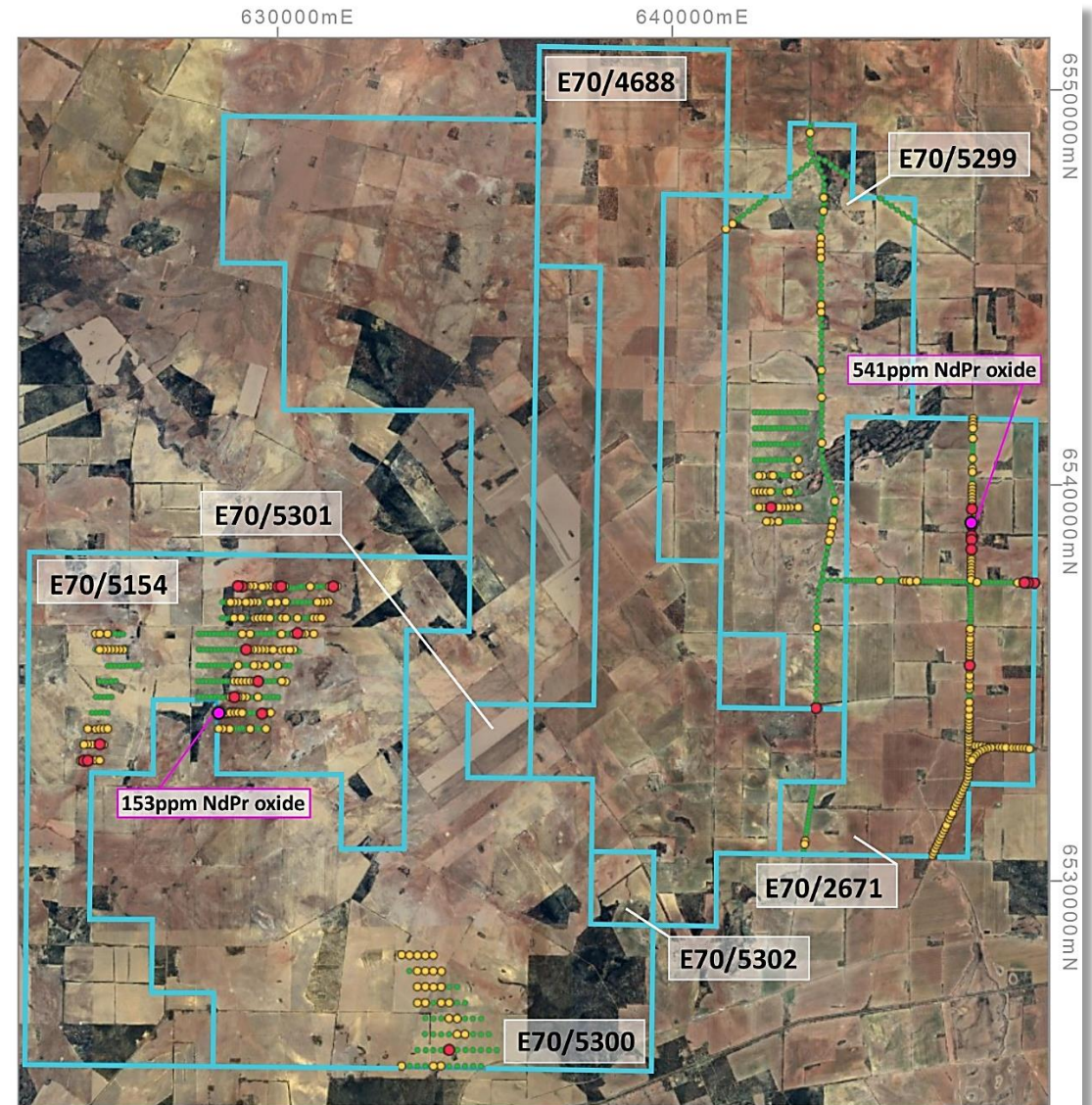
100%-owned tenements at Burracoppin

Recent soil survey identified several areas of anomalous rare earth elements with values up to 1959 ppm TREE

Higher TREE values in some areas may reflect areas of exposed ionic clays on the edge of the channel which have been exposed by erosion of overlying sediment

Neodymium and Praseodymium distribution in soils, with NdPr oxide values up to 541 ppm

Follow up sampling over Target 1 underway and gravity survey planned



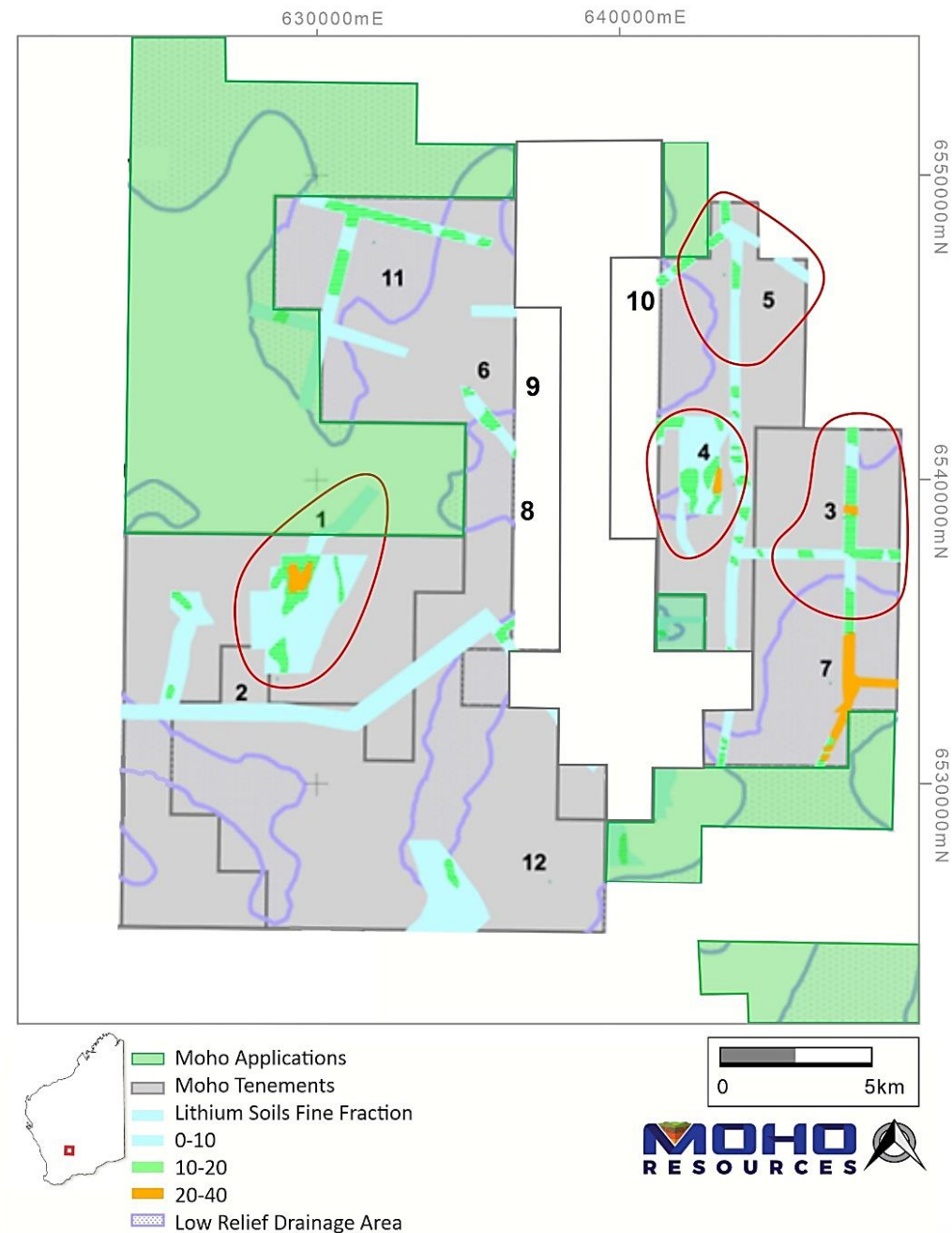
BURRACOPPIN LITHIUM (WA)

Preliminary geochemical review has identified anomalous lithium in soils and streams within Moho's 100%-owned tenements at Burracoppin (areas 1, 3, 4 & 5)

Lithium anomalies are reinforced by soils and streams anomalous in caesium, rubidium, beryllium and niobium which are present at many LCT (lithium caesium tantalum) pegmatites

Strong spatial relationship between lithium and niobium in soils has identified new areas potentially anomalous for lithium that are yet to be tested

Follow up sampling over Target 1 underway and gravity survey planned



PEAK CHARLES (WA)

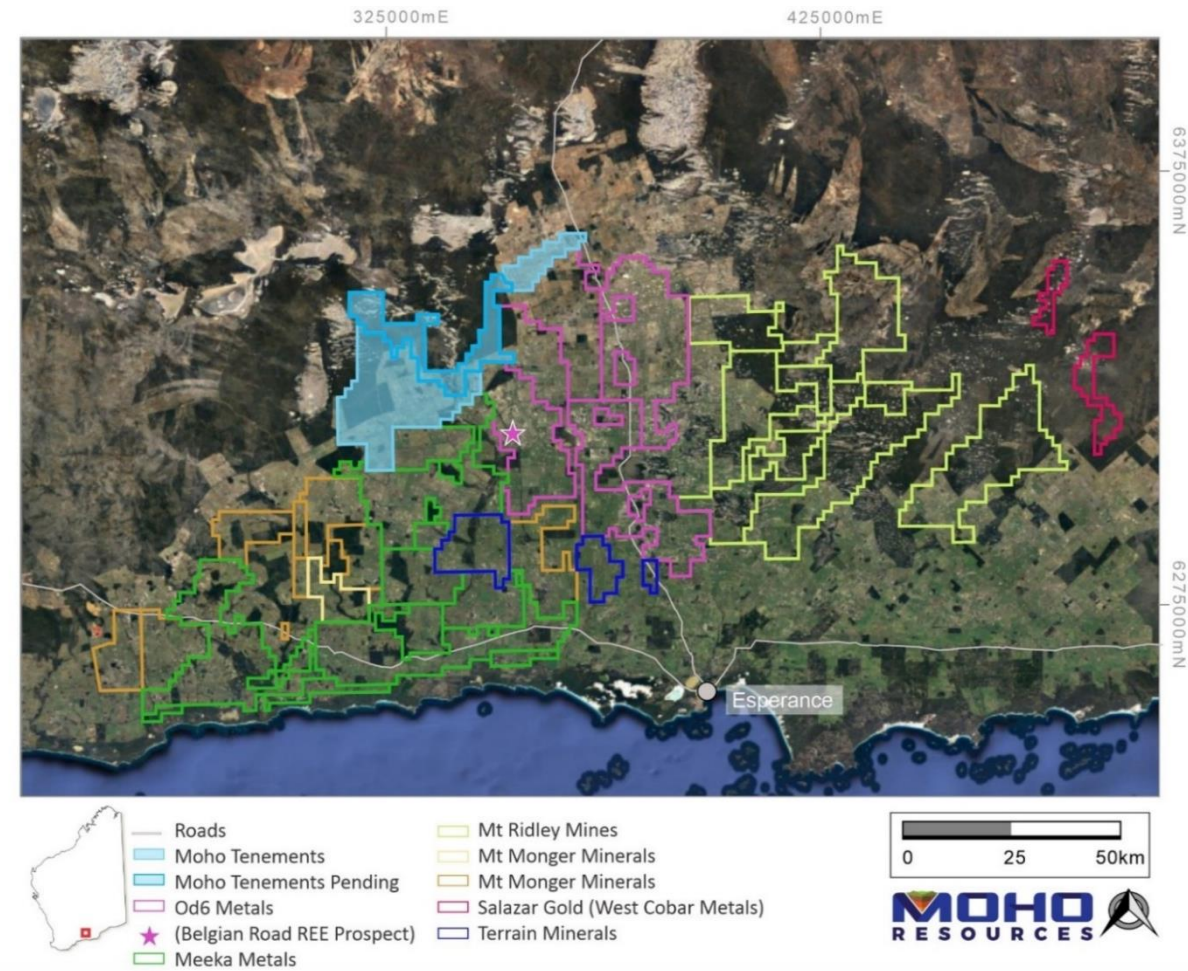
1 of 7 projects picked up in Whistlepipe deal prospective for Ni

Peak Charles also prospective for REE, with an ionic clay REE province rapidly expanding in the Ravensthorpe-Esperance region

In the process of establishing Land access agreements

Initial sampling program to be completed

Geophysics program under development



WHISTELPIPE Ni-Cu-PGE TARGETS (WA)

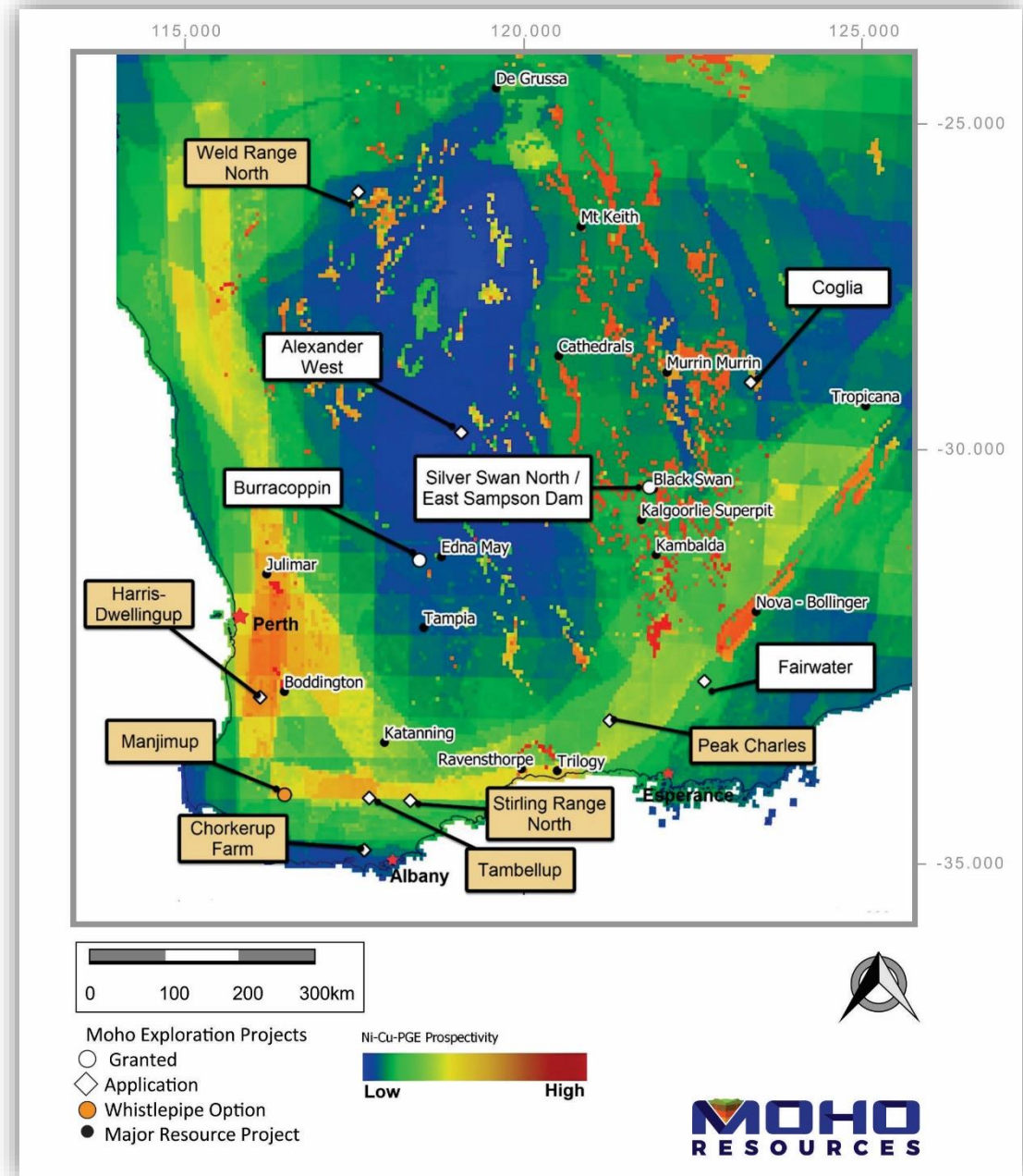
Whistlepipe – highly credentialed geologist and geophysicist associated with discovery of Gonville PGE-Ni-Cu-Co-Au at Julimar

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

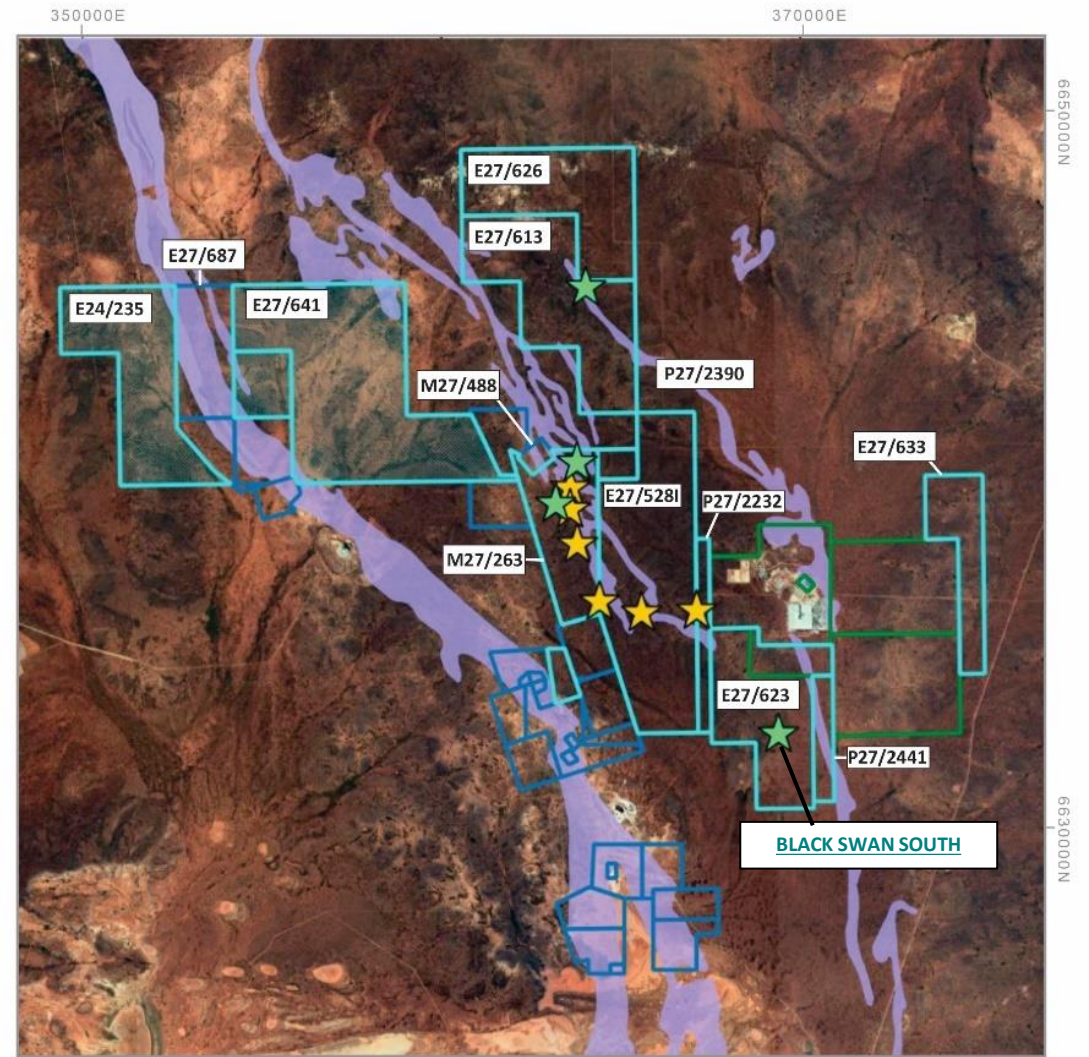
WELD RANGE NORTH - Initial sampling completed, Follow up program planning underway dependent on results

MANJIMUP / STIRLING RANGE NORTH / TAMBELUP - Land access agreements underway, Initial orientation sampling underway, Geophysics program under development

Remaining projects still under application



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EAST SAMPSON DAM GOLD PROJECT

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

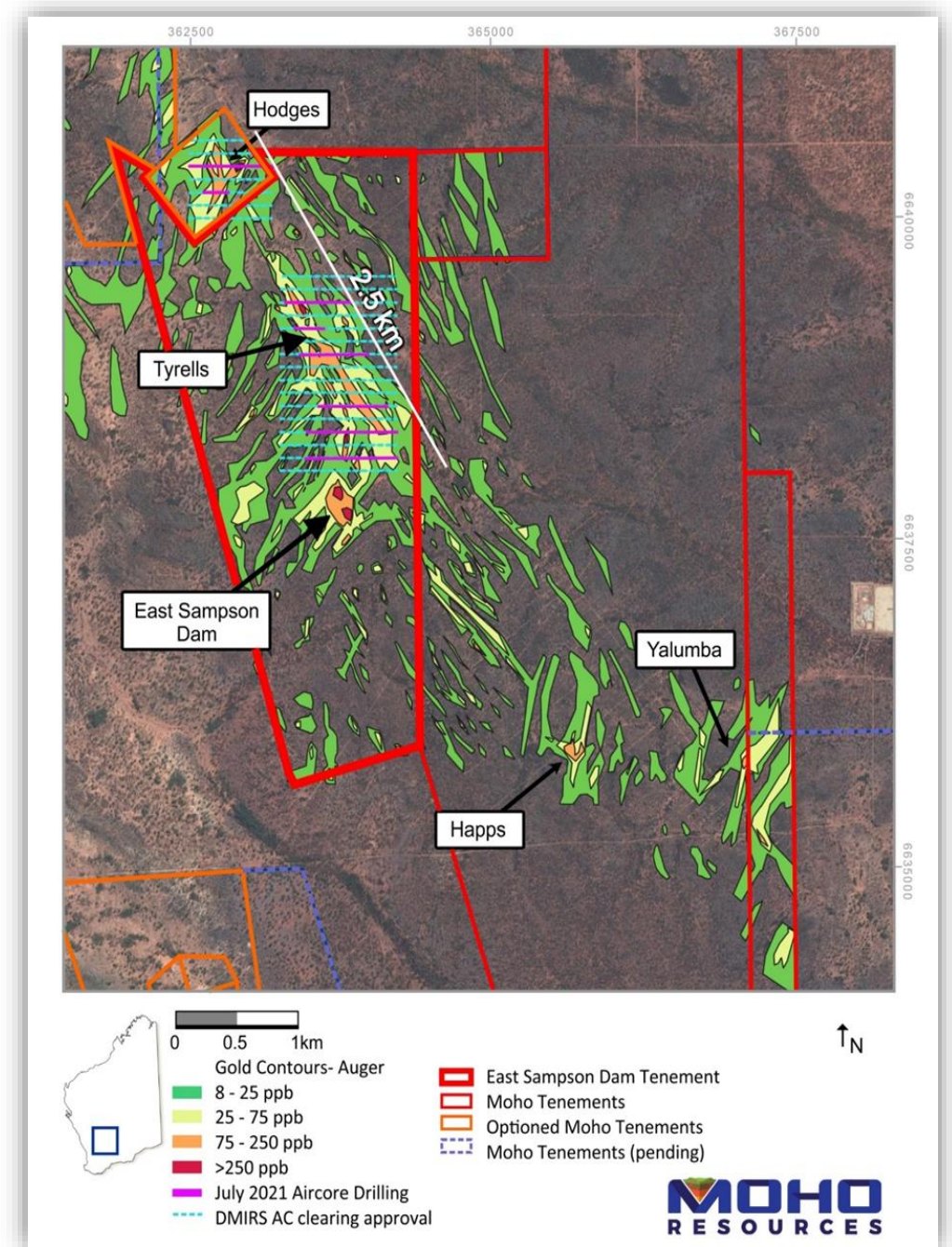
Close proximity to mining infrastructure and toll milling facilities

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

Moho evaluating options to monetise the project or advance to production

Multiple bedrock gold anomalies identified in drilling at nearby Tyrells and Hodges prospects, scope to expand



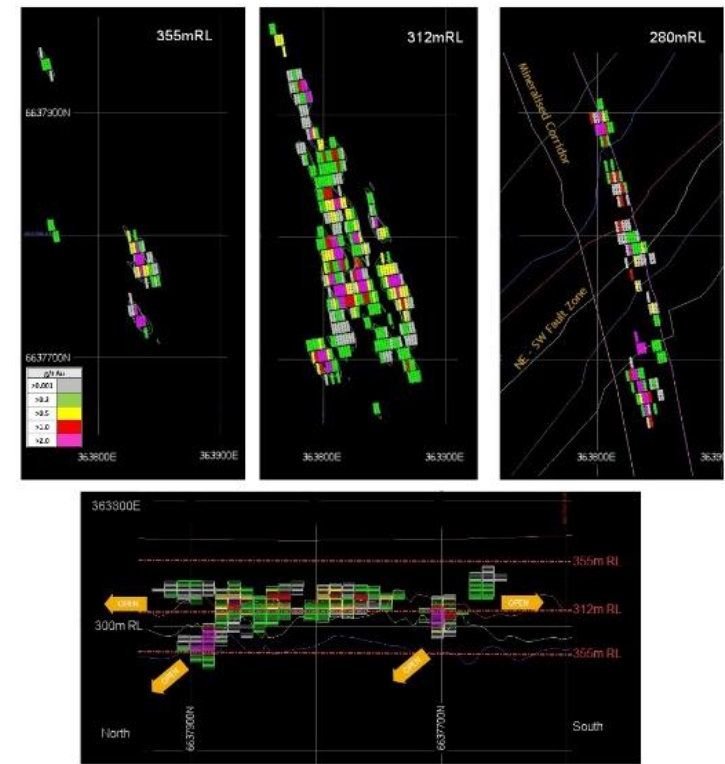
EAST SAMPSON DAM INTERIM MINERAL RESOURCE ESTIMATE

264,000 t @ 2.5g/t Au for 21,600 ounces Au at 0.5g/t cut-off grade¹ 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



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

¹As announced to the ASX on 20 July 2021 (ASX:MOH)



CORPORATE

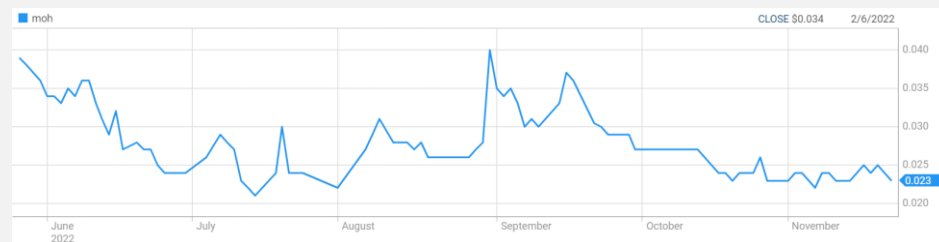


MOH:ASX here as well
\$0.023 (AUD)

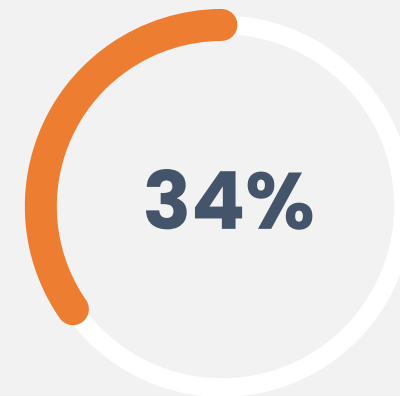
OPTIONS:ASX
\$0.002 (AUD)

At close of trade 9 Jun 2022

6 MONTH SHARE GRAPH



Top 20 Holders



SHARES ON ISSUE

207M

OPTIONS ON ISSUE

135M

MARKET CAP

~\$4.8M

(at 2.3cps)

* 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.



Ralph Winter
Managing 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



Shane Sadleir
Non-Executive 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



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

Grant Alan "ROCKY" Osborne – 42 years experience responsible for the discovery of the Rocky's Reward nickel mine in WA and the C2C Zn, Cu, Ag deposit in Brazil. Principal consultant with GEOSBORNE Pty Ltd.

Whistlepipe – Geological and geophysical consultants with over 25 years experience with IGO, Chalice and Gold Road. Key involvement with the discovery of Gonville 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

Moho Quick Facts:

10 Projects

2 states

5 Commodities

Over 5,500km² of Exploration ground

2 Joint Ventures with IGO

Over 30,000m of drilling completed

Over 12 individual drill campaigns

JUST GETTING STARTED

