# RESOURCES

#### **RIU EXPLORERS CONFERENCE FEBRUARY 2021**

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This presentation is authorised for release by the board.

## CORPORATE OVERVIEW



#### **Capital Structure**

103M** (100%)	On Issue #
\$0.076	Share Price
47.8M	Options on Issue*
<b>~ \$7.6M</b> (at 7.6cps)	Market Cap #
~\$2.15M	Cash #
~\$5.45M	Enterprise Value #
~33%	Top 20 Holders

\* Includes 27.6M listed options (MOHO) with \$0.25 exercise price and 9/7/23 expiry, and 20.2M unlisted options with exercise prices ranging from \$0.19 to \$0.50 per share

\*\* Assuming the placement price of \$0.09 as announced on 11 December 2020

<sup>#</sup> Assumes completion of the Placement announced on 11 December 2020

## **BOARD & TECHNICAL CONSULTANTS**



#### Non - Executive Chairman - Terry Streeter

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.



#### Commercial Director - Ralph Winter BCom - Grad Dip Prof Acct, GAICD

Specialising incorporate 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



#### Managing Director - Shane Sadleir 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



#### Non - Executive Director - Adrian Larking Geologist / Lawyer, 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 Consultants:

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

Robert Affleck (geologist) - Extensive experience in exploration of gold and base metal deposits, including at Silver Swan North Kim Frankcombe (geophysicist - Principal of ExploreGeo Pty Ltd ; previously senior consultant of Southern Geoscience geophysicists - Extensive expertise in geophysics, including targeting of gold and base metal deposits

Richard Carver (geochemist) - 30 years as geochemist with WMC working in a variety of roles including Chief Geochemist. Experience in a wide range of commodities with particular expertise in gold, nickel and porphyry copper.

## EXPLORING FOR COMPANY MAKERS

#### Silver Swan North Gold/Nickel Project

- Exposure to Gold & Nickel in prospective ground holdings around Poseidon's Black Swan Nickel Operations
- Advancing East Sampson Dam Gold Project for early cashflow potential

#### **Burracoppin Gold Project**

 Underexplored greenstone belt in WA wheatbelt only 20km from Ramelius Edna May gold mine

#### **Empress Springs Gold Project**

 Large belt-scaled potential for tier-1 gold deposits in Nth Qld Empress Springs Au

Silver Swan North Au/Ni Burracoppin Au

# SILVER SWAN NORTH PROJECT

## SILVER SWAN NORTH GOLD PROJECT (WA) NEAR KALGOORLIE

- Extensive Land holding ~112km<sup>2</sup> (100% ownership)
- Potential for early stage cashflow from the East Sampson Dam gold prospect
- High grade gold intersections on granted mining lease
- Close proximity to mining infrastructure
- Close proximity to Black Swan nickel plant, high grade Silver Swan Nickel Mine, and recent high grade Golden Swan nickel discovery by Poseidon Nickel (POS)
- No historical nickel exploration on E27/613
- Approximately 3.3km long, magnetic unit coincident with a zone of ultramafic rocks has been identified



## IDEALLY LOCATED TO MINING INFRASTRUCTURE

- 50km from Australia's gold mining capital at Kalgoorlie
- 11 gold processing plants within 100km many opportunities for toll treatment
- Abundance of mining infrastructure, skills and services
- Situated on Granted Mining Lease allows for a fast-tracked approach to production



#### HIGH GRADE RESULTS AT FEB 21\* **RESOURCE DEFINITION RC DRILLING:**

#### • SSMH0102: 2m @ 4.48 g/t Au from 100m incl. 1m @ 8.31 g/t Au from 100m

- SSMH0105: 6m @ 2.3 g/t Au from 105m incl. 1m @ 3.63 g/t Au from 105m, incl. 1m @ 6.80 g/t Au from 110m
- SSMH0109: 2m @ 2.98 g/t Au from 58m incl. 1m @ 5.26 g/t Au from 58m
- SSMH0110: 2m @ 2.61 g/t Au from 61m incl. 1m @ 8.27 g/t Au from 62m

#### HIGH GRADE RESULTS AT NOV 20 & JAN 21\*\* **RESOURCE DEFINITION DIAMOND DRILLING:**

- SSMH0095: 2m @ 18.0 g/t Au from 105m, incl. 1m @ 34.8 g/t Au from 106m
- SSMH0097: 6m @ 5.63 g/t Au from 18m, incl. 1m @ 16.2 g/t Au from 19m & 1m @ 13.5 g/t Au from 23m
- SSMH0098: 1m @ 4.67 g/t Au from 52m, 3m @ 1.17 g/t Au from 63m & 1m @ 18.2 g/t Au from 69m
- SSMH0100: 7m @ 4.78 g/t Au from 51m incl. 1m @ 22.2 g/t Au from 53m, 5m @ 8.01 g/t Au from 59m incl. 1m @ 23.5 g/t Au from 60m, and 2m @ 6.91 g/t Au from 77m

### HIGH GRADE RESULTS AT FEB 20\*\*

#### **REVERSE CIRCULATION EXPLORATION DRILLING:**

- SSMH0051: 15m @ 4.71 g/t Au from 88m,
- SSMH0062: 5m @ 10.36 g/t Au from 59m,
- SSMH0075: 9m @ 4.28 g/t Au from 19m, • and 1m @ 24.3 g/t Au from 25m
- SSMH0056: 11m @ 3.11 g/t Au from 65m,
- SSMH0063: 2m @ 17.0 g/t Au from 73m
- SSMH0068: 2m @ 5.40 g/t Au from 88m,
- SSMH0077: 2m @ 12.33 g/t Au from 88m,

- Incl. 3m @ 15.18 g/t Au from 100m
- Incl. 2m @ 24.61 g/t Au from 56m Incl. 3m @ 3.37 g/t Au from 19m
- Incl. 1m @ 17.7 g/t Au from 72m
- Incl. 1m @ 10.30 g/t Au from 88m Incl. 1m @ 22.8 g/t Au at 89m (EOH)



MOHO 250mRL RESOURC

Isosurface > 0.2g/t Au

Interpreted Fault

····· Qtz porphyry outline

New RC drill hole

Hole Type

RC

DD / DDH

New RC

0 AC

 $\diamond$ 

 $\oplus$ RAB

\* Results from ASX announcement by Moho, 2 February 2021: "Progress report - East Sampson Dam gold prospect"

\*\*Results from ASX announcement by Moho, 19 November 2020: "High grade diamond drill results - East Sampson Dam gold prospect" & 12 January 2021 "High grade diamond drill results - East Sampson Dam prospect"

\*\*Results from ASX announcement by Moho, 11 February 2020: "Significant gold assays at East Sampson Dam prospect"

## EXPLORATION PRIORITISED TOWARDS EARLY GOLD PRODUCTION

- Infill RC and diamond drill programs completed for maiden JORC Resource and Scoping Study at East Sampson Dam (ESD)
- Maiden JORC Resource targeted for Q2 2021
- Scoping Study targeted for End Q2 2021
- Aircore drilling to test gold auger anomalies on M27/263 over 2.5km
- Surface sampling confirms semi-continuous gold anomalism over 11km within Moho's granted tenements



## GOLD MINING INVESTIGATIONS UNDERWAY

- Excellent preliminary metallurgical results & Phase 1 RC drilling completed Aug 2020
- Flora and Fauna survey completed no environmental impediments identified
- Aboriginal heritage survey completed no sites of cultural or archaeological significance identified
- Potential toll milling arrangements under investigation
- Pit optimisation studies ongoing
- ✓ Diamond Drilling at East Sampson Dam Completed
- Phases 2 RC drilling at East Sampson Dam Completed Awaiting results
- Maiden JORC Mineral Resource Q2 2021
- Scoping Study End Q2 2021



# **BURRACOPPIN 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 Edna May
- Gold/silver mineralisation discovered by Moho in bedrock
- On structural trend to Tampia gold deposit (owned by Explaurum prior to takeover by Ramelius Resources)



## BURRACOPPIN (WA) - AU INITIAL RESULTS HIGHLY ENCOURAGING AT CROSSROADS PROSPECT

- Bedrock gold intersected in maiden AC drilling in early 2020
- Open to S, E and at depth; peak values of 0.61 g/t Au and 5.53 g/t Ag
- Located 20km west of Edna May gold mine (Ramelius)
- Awarded co-funded drilling grant (EIS) from WA government for \$147,500
- Follow-up RC drilling completed Awaiting results
- Follow-up Diamond drilling planned Mar 21



# **EMPRESS SPRINGS PROJECT**

## EMPRESS SPRINGS (QLD) – Au EXPLORING WORLD CLASS DEPOSITS MOHO'S COMPANY MAKER

- Exploration for giant gold deposits in virgin area
- Aircore drilling by Moho in 2018-19 discovered 3 separate mineralised areas under shallow cover
- Limited follow-up RC drilling 2019:
  - ESMH0001: 22m @ 1.0g/t Au from 46-68m
  - ESMH0024: 24m @ 0.7g/t Au from 46-70m
- Moho holds most of the prospective ground (> 2,300km<sup>2</sup>)
- 20 km south of Croydon Goldfield (1.2M oz historic Au production)
- Farm-in with IGO Ltd 70% interest soon to be earned by Moho
- Results from Hydrogeochem program being interpreted due for release 2-3weeks



## **Moho Timeline 2021**

Diamond Drilling East Sampson Dam

Remaing 3 holes completed Results received Dec 2020

Hydrogeochem Results expected Feb 2021

RC Drilling East Sampson Dam Results expected Feb/Mar 2021

RC & Diamond Driling Burracoppin 25 holes (approx 3,000m) Results expected late Feb/March 2021 &3 DH (approx 600m) start March 2021 Results expected April 2021

> Preliminary JORC Resource East Sampson Dam

> > Expected April 2021

Scoping Study East Sampson Dam Expected June 2021

Extension AC drilling Silver Swan North

Planned for Q2 2021 Results expected Q3 2021

East Sampson Dam Toll Treatment Agreement

Expected Q3

- On track to become self-funded explorer and producer
- <\$10 million market capitalisation</p>
- Cashflow from East Sampson Dam gold production will create company value and limit shareholder dilution
- Proximity to existing gold mining infrastructure & toll treatment facilities
- Mining-friendly government and community in WA and QLD
- ✓ Multiple upcoming results and newsflow

