### THE MOHOROVICIC DISCONTINUITY:

THE BOUNDARY SEPARATING THE CRUST & MANTLE OF THE EARTH ACROSS WHICH SEISMIC WAVES CHANGE VELOCITIES



RIU RESURGENCE - SEPT 2020

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### INVESTMENT ADVANTAGES

### **OPTIMALLY STRUCTURED PROJECT GROWTH PROFILE**

Gold projects structured to enable sustained growth of the company as a self-funded explorer

### **CLOSE TO GOLD MINING INFRASTRUCTURE**

#### LESS SHAREHOLDER DILUTION

Proximity to gold mining infrastructure means cheaper mining start up costs

### **EARLY CASHFLOW POTENTIAL**

HIGH GOLD PRICE: ~A\$2700

Moho is progressing mining studies towards a mining proposition in 2021 taking advantage of high gold price

### **LOW SHARE PRICE**

**SHARE PRICE: \$0.11** 

Current share price low for a company heading towards gold production





### PROJECT GROWTH PROFILE

### **EMPRESS SPRINGS (QLD) - Au**

#### LONGER TERM PRODUCTION POTENTIAL

Potential for World Class mineralising system
Three separate mineralised zones discovered
~2700km² of tenure over two trans-crustal structures

### **BURRACOPPIN (WA) - Au**

#### **MEDIUM TERM PRODUCTION POTENTIAL**

Only 20km from Edna May gold mine BOH bedrock Gold/Silver mineralisation encountered On margin of gravity low possible felsic intrusion Open South \ East and at depth

### SILVER SWAN NORTH, EAST SAMPSON DAM (WA) – Au/Ni

#### SHORT TERM PRODUCTION POTENTIAL

Close proximity mining infrastructure
Mining studies well underway
Granted mining lease & expansion potential
Open North, South-East and at depth





# Key Objectives

- Maximise shareholder value through early stage cashflow generation
- Minimise shareholder dilution by becoming a selffunded explorer

### **CAPITAL STRUCTURE**

	SHARES	OPTIONS
On Issue	75M (100%)*	27M (100%)****
Units Escrowed^	5.5M (7.3%)	6.5M (23.47%)
Share Price	\$0.11**	
Option Price	\$0.04***	
Market Cap	~ \$8.25M	
Top 20	~33%	



Tight Capital Structure

- \*Total number at COB 15 Sept 2020
- \*\*Share price at COB 15 Sept 2020
- \*\*\*Option price at COB 15 Aug 2020
- \*\*\*\*Options include director performance milestones
- ^ Units escrowed till 7 November 2020

# Experienced Directors & Technical Team

### **DIRECTORS**

- Terry Streeter (Non-Exec Chairman)
- Shane Sadleir (Managing Director) Geoscientist
- Ralph Winter (Commercial Director) Corporate
- Adrian Larking (Non-Exec Director) Geologist & Lawyer

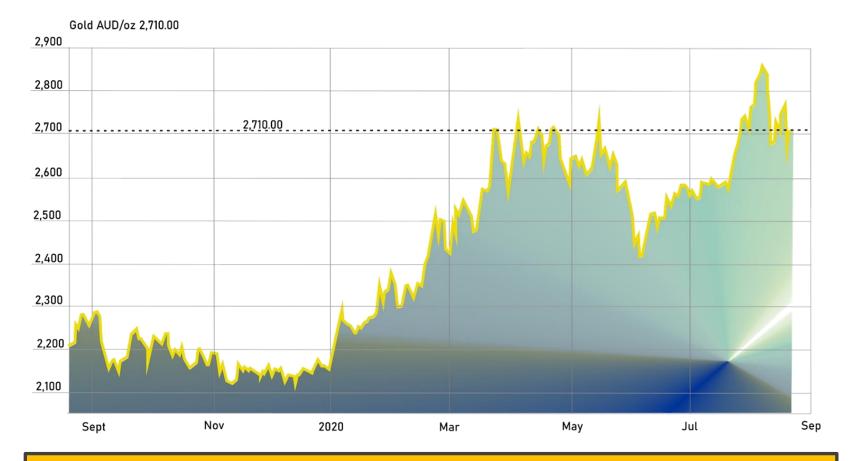
### **TECHNICAL TEAM**

- Robert (Bob) Affleck (Exploration Manager)
- Max Nind (Principal Geologist)
- Dr Jon Hronsky (OAM) (Consultant geologist)
- Kim Frankcombe (Consultant geophysicist)
- Richard Carver (Consultant geochemist)

# **PROJECTS**

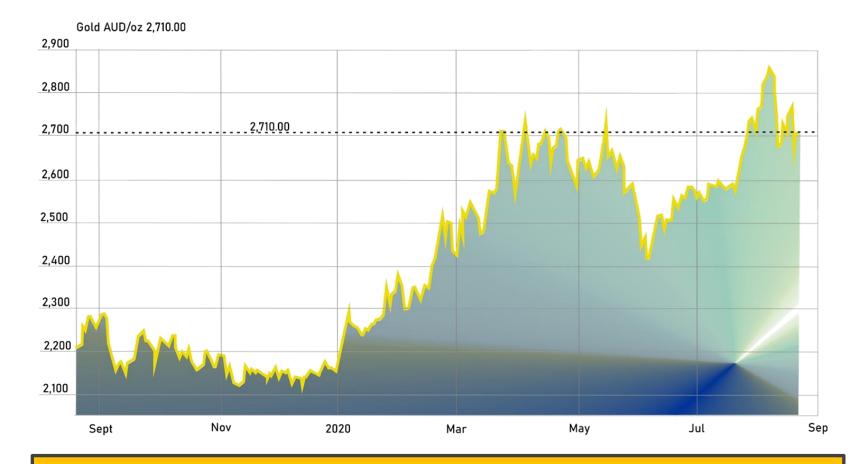
- Focus on Gold in WA & QLD
- Exposure to Nickel in prospective ground holdings around Poseidon's Black Swan Silver Swan Nickel Project





### Focus on Gold

- Market volatility expected to keep gold price high for several years
- Exceptional AUD gold price due to:
  - Ongoing trade tensions between US and China
  - Global Coronavirus impact
  - Falling US\$ & favorable AUD/USD exchange rate



# Window of Opportunity

- Moho taking advantage of:
  - current high gold price (~A\$2,700/oz)
  - granted mining tenements prospective for gold mineralisation
  - proximity to existing gold mining infrastructure and toll treatment facilities
  - mining-friendly government and community in WA

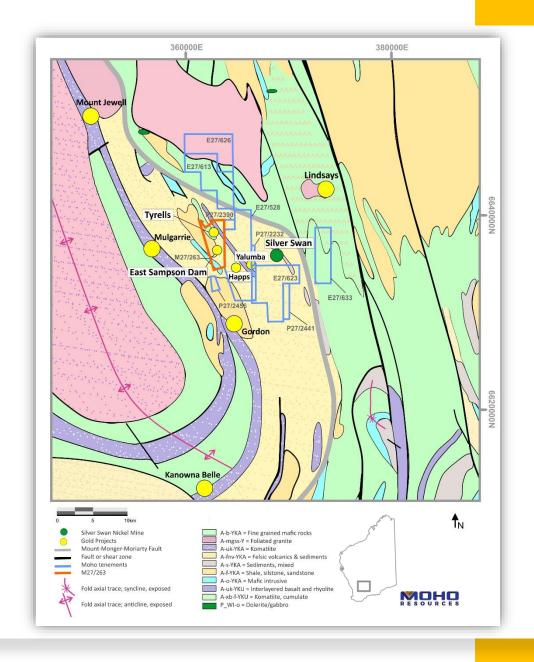


# Moho Forging Ahead

- Pursuing gold production potential at 100% owned East Sampson Dam
- Ramping up at East Sampson Dam prospect with ~\$725,000 spent on M27/263 in the last year alone
- Expanding gold exploration at Silver Swan North and Burracoppin projects in Western Australia
- Innovative Geochem & Geophysics surveys underway in Queensland

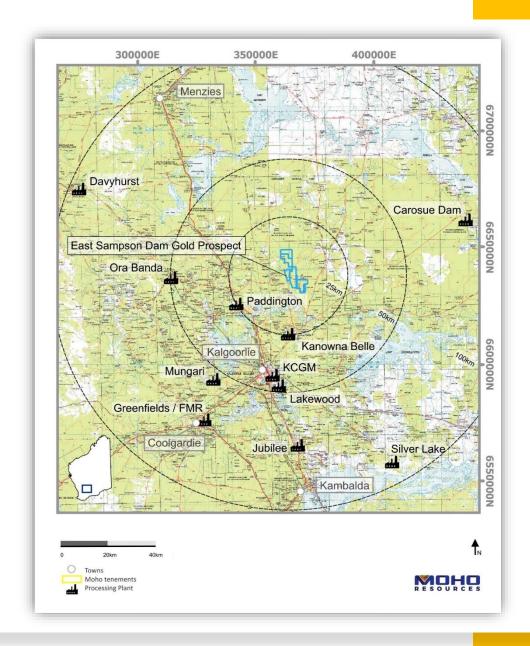
# Silver Swan North Gold Project (WA) Near Kalgoorlie

- Potential for early stage cashflow
- Extensive Land holding ~78km² (100% ownership)
- Significant gold mineralisation at East Sampson Dam
- High grade gold intersections on granted mining lease
- Close proximity to mining infrastructure



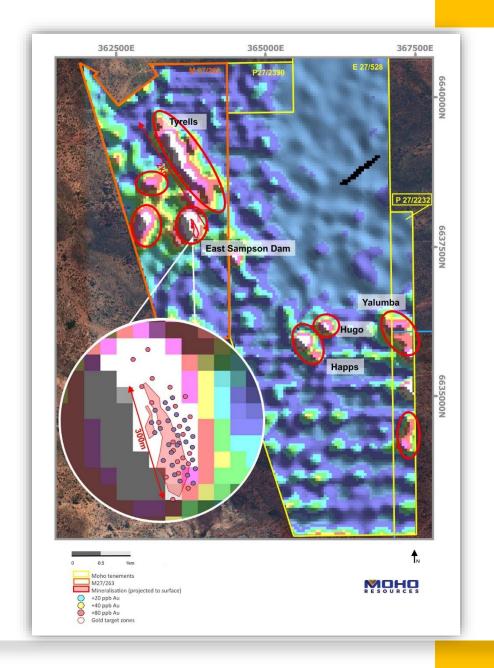
# Ideally Located to Mining Infrastructure

- 50km from Australia's gold mining capital at Kalgoorlie
- 11 gold processing plants within 100km
- Abundance of mining infrastructure, skills and services



# Exploration Prioritised Towards Early Gold Production

- Infill RC and diamond drill programs for maiden JORC Resource and Scoping Study at East Sampson Dam (ESD) within granted mining lease M27/263
- Aircore drill test gold auger anomalies on M27/263, including 2 km long ESD - Tyrells zone and other anomalies
- 3. Further auger sampling to confirm anomalous areas within Moho's 100% owned tenements (E27/528 and P27/2232) underway, including the Yalumba, Happs and Hugo prospects



# High Grade Results at ESD\*

SSMH0051: **15m @ 4.71 g/t** Au from 88m, **Incl. 3m @ 15.18 g/t** Au from 100m

SSMH0062: **5m @ 10.36 g/t** Au from 59m, **Incl. 2m @ 24.61 g/t** Au from 56m

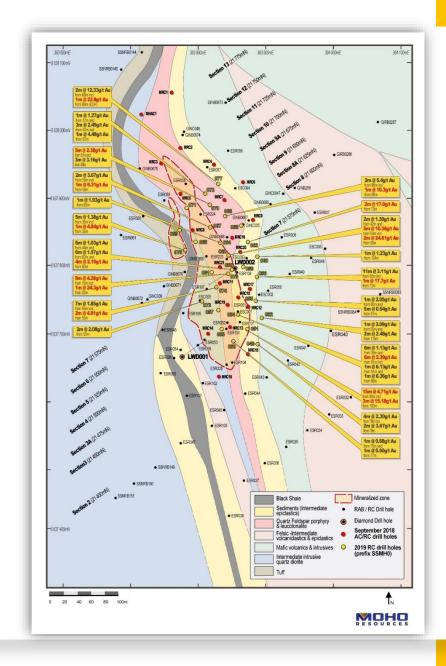
SSMH0075: **9m @ 4.28 g/t** Au from 19m, **Incl. 3m @ 3.37 g/t** Au from 19m and **1m @ 24.3 g/t** Au from 25m

SSMH0056: **11m @ 3.11 g/t** Au from 65m, **Incl. 1m @ 17.7 g/t** Au from 72m

SSMH0063: **2m @ 17.0 g/t** Au from 73m

SSMH0068: **2m @ 5.40 g/t** Au from 88m, **Incl. 1m @ 10.30 g/t** Au from 88m

SSMH0077: **2m @ 12.33 g/t** Au from 88m, **Incl. 1m @ 22.8 g/t** Au at 89m **(EOH)** 



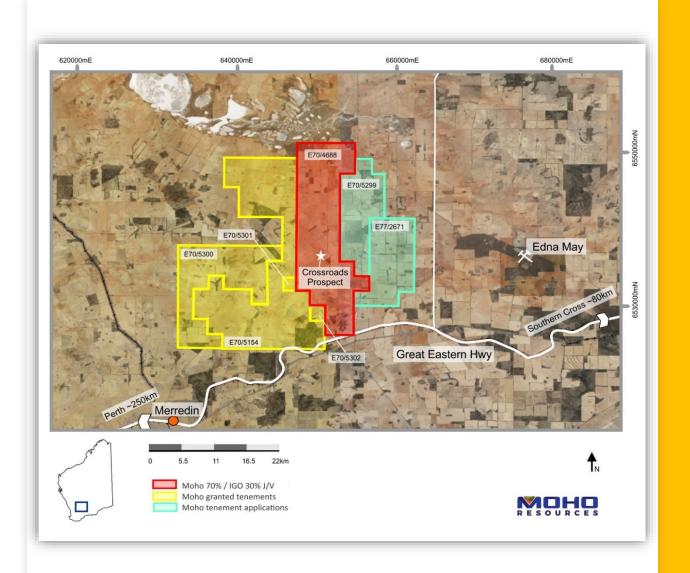
<sup>\*</sup>Results from ASX announcement by Moho, 11 February 2020: "Significant gold assays at East Sampson Dam prospect"

# GOLD MINING INVESTIGATIONS UNDERWAY AT EAST SAMPSON DAM

- Working towards low CAPEX mine production (contract mining and toll milling)
- Excellent preliminary metallurgical results ASX Announcement 25 Aug '20
- Phase 1 RC drilling completed Aug 2020
- Mineralisation & structural characterisation studies (hyperspectral scanning and downhole televiewing) – 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
- Preliminary studies by consultant mining engineer and CSA Global (Q3/Q4 2020)
- Preliminary pit optimisation by Whittle design consultant Minecomp Pty Ltd (Q3/Q4 2020)
- Phases 2-4 Infill RC and diamond drilling at East Sampson Dam (Q3/4 2020)
- Detailed metallurgical test work Q4 2020
- Maiden JORC Mineral Resource\* Q4 2020
- Scoping Study\* H1 2021

# EMERGING GOLD-RICH GREENSTONE BELT -BURRACOPPIN (WA) PROJECT

- Gold/silver mineralisation intersected in bedrock
- Au in soil anomalies in under-explored greenstone belt in Wheatbelt
- Coincident arsenic anomalism
- Burracoppin only ~20km west of operating Edna May Au plant
- On major structural trend to updated 460,000
   oz Au deposit at Tampia ~100km to south
- Drilling expected towards end on Q4 2020



# POTENTIAL WORLD CLASS MINERALSING SYSTEM EMPRESS SPRINGS (QLD) – Au

- Significant Virgin Gold & Base Metal discovery in maiden drill program
- Total 14,599m of drilling and 203 holes
- Mineralisation identified predominantly on margins of interpreted caldera
- Soil Geochem sampling across all 773km<sup>2</sup> tenements completed
- Detailed ground based Gravity survey across 773km² tenements complete
- 3 separate mineralised zones discovered
- First stage 51% of farm-in with IGO achieved, and 70% soon to be confirmed

## EMPRESS SPRINGS (QLD) – Au

- Exploration for giant gold deposits under cover
- Expanded tenure to over 2,700km<sup>2</sup> of contiguous ground over 110km of trans-crustal structures
- 20 km south of Croydon Goldfield (A\$2.0B,
   1.2M oz historic Au production)

