THE MOHOROVICIC DISCONTINUITY, THE BOUNDARY SEPERATING THE CRUST & MANTLE OF THE EARTH ACROSS WHICH SEISMIC WAVES CHANGE VELOCITIES



August 2019



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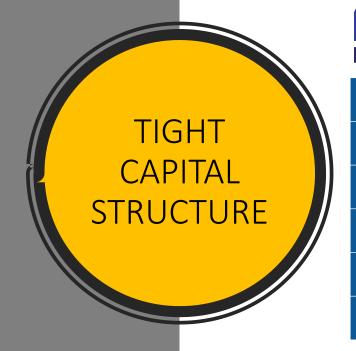
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# ABOUT MOHO RESOURCES LTD

- Aggressively Exploring Highly prospective Gold and Nickel projects in WA and QLD
  - Empress Springs, QLD
  - Silver Swan Nth, WA
  - Burracoppin, WA
- Experienced directors & exceptional technical team
- Tight Capital structure





### Capital Structure **SHARES OPTIONS** On Issue 42,484,592 (100%) 24,708,709 (100%)\*\*\* **Units Escrowed** 5,414,929 (12.75%) 6,493,467 (23,47%) Share Price \$0.054\* Option Price \$0.008\*\* Market Cap \$2,300,000 Top 20 35%

<sup>\*</sup>Share price at close of business 16 Aug 2019

<sup>\*\*</sup>Option price at close of business 16 Aug 2019

<sup>\*\*\*</sup>Options include director milestone options



#### **DIRECTORS**

#### **Terry Streeter (Non-Exec Chairman)**

Extensive experience in funding, listing and overseeing junior explorers in all exploration and economic cycles.

Has been Director and Shareholder of Jubilee Mines, Western Areas, Fox Resources, Midas Resource, Riverbank Resources & Alto Metals

### **Shane Sadleir (Managing Director) - Geoscientist**

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) – Corporate

Experience in exploration, mining (Trafford, Ironclad, Robust Resources, Mineral Products)

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

GAICD - Graduate of Australian Institute of Company Directors

# Adrian Larking (Non-Exec Director) - Geologist and Lawyer

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; AMEC Councillor

#### **TECHNICAL TEAM**

#### **Robert (Bob) Affleck (Exploration Manager)**

Extensive experience in exploration of gold and base metal deposits, including at Silver Swan North

#### **Max Nind (Principal Geologist)**

Extensive experience in underground geological supervision at nickel mines in Kambalda, WA regional exploration for magmatic nickel sulphides in Australia and Canada

#### **Dr Jon Hronsky (OAM) (geologist)**

Discovered Neo-Babel. Chairman of world-renown Centre for Exploration Targeting and Australian Geoscience Council, Adjunct Professor at UWA and Macquarie University

#### 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)**

Ex-WMC, extensive expertise in exploration of gold and base metal deposits



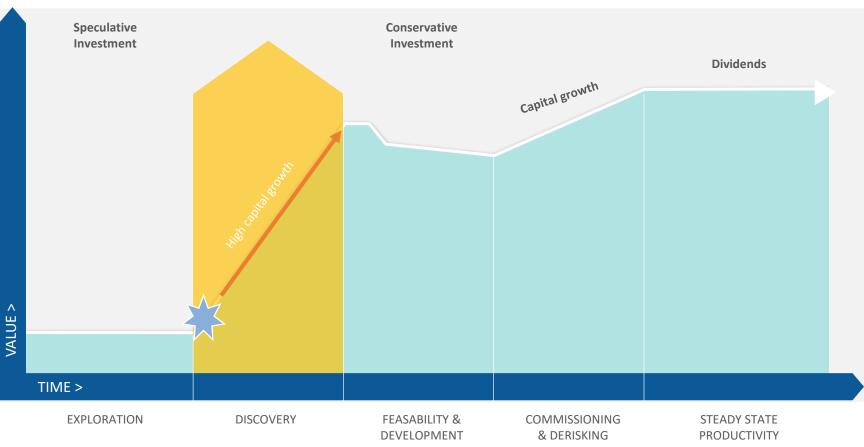
### Director holdings at IPO

	Shares	Options
Terry Streeter Non-Executive Chairman	1,500,000 (3.53%) 481,858 (1.13%)	1,000,000
Shane Sadleir Managing Director	2,828,597 (6.66%)	6,642,892**
Ralph Winter Commercial Director	516,668 (1.22%)	3,175,001**
Adrian Larking Non-Executive Director	637,903 (1.5%)	3,356,855**

<sup>\*\*</sup>Founding directors include management performance options through milestones (Geared to share price and metres drilled: \$0.25 & 5,000m; \$0.35 & 10,000m; \$0.50 & 15,000m)

### MAJOR DEPOSIT DISCOVERY CAN DELIVER HUGE SHARE PRICE MULTIPLES





Degrussa Cu/Au by Sandfire Resources(\$0.06 to \$8.53 2012) - 142x Nova/Bollinger Ni/Cu by Sirius Resources – 100x (\$0.05 to \$5, 2013)

# EXPLORATION PROJECTS



### PRE-IPO EXPERT COMMENTS

## "An Outstanding opportunity"

- World renowned geologist

# "Empress Springs could be the Olympic Dam of gold\*"

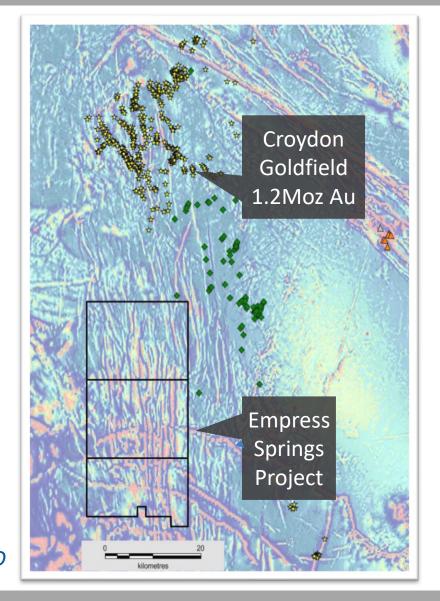
\*(Geological setting has potential for giant gold systems)

# "Rare opportunity for World Class mineralisation Exploration project"

- Dr Jon Hronsky World renowned geologist

# "Potential to host major gold deposits"

- Geoscience Australia & Geological Survey of QLD

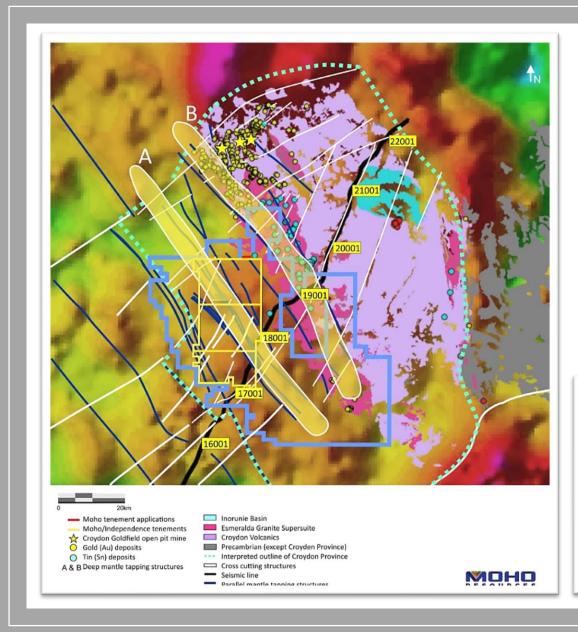


WHAT HAS MOHO ACHIEVED AT EMPRESS SPRINGS SINCE IPO?

### Empress Springs, Qld –

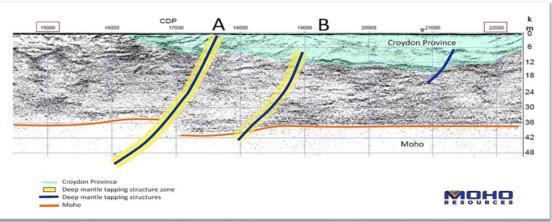
- Significant Virgin Gold & Base Metal discovery in maiden drill program
  - Phase 1: 5,727m of drilling and 87 holes
  - Phase 2: 2,749m of drilling and 24 holes
  - Phase 3: 6,123m of drilling and 92 holes
- Additional 2,116km<sup>2</sup> of significant land acquisition to consolidate Moho's prospectivity over 110km of trans-crustal structures
- Soil Geochem sampling across all 773km<sup>2</sup> tenements completed
- Detailed ground based Gravity survey across all 773km<sup>2</sup> tenements complete
- First stage 51% of farm-in with IGO achieved, and Intention to progress to 70% declared





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

- Exploration for giant gold deposits under cover
- 2,889km2 of contiguous tenure over target zones A and B
- 20 km south of Croydon Goldfield (A\$2.0B,
   1.2M oz historic Au production)



# EMPRESS SPRINGS REVIEW BY DR HRONSKY

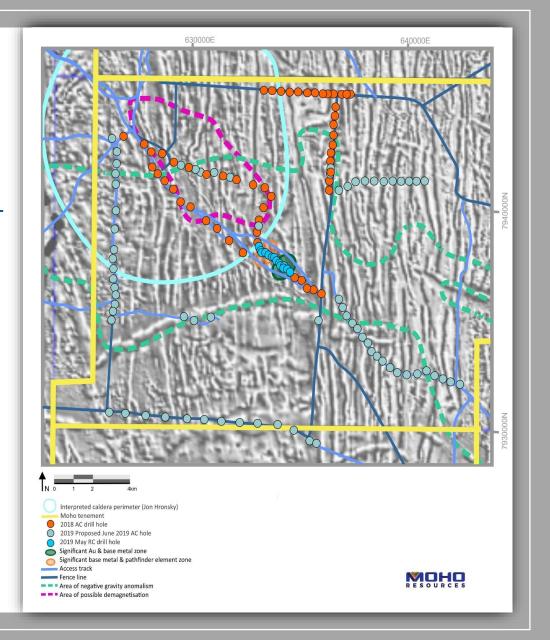
- Distinctive ring structure interpreted as caldera margin
- Suggests Empress Springs area was major magmatic centre for the Croydon mineralising event



# EMPRESS SPRINGS GOLD & BASE METAL DISCOVERY

### WHERE THERE'S SMOKE......

- Phase 1:
  - Discovery hole ESA023 intersected 9m @ 1.3g/t Au from 45m-54m, including 2m @ 2.1 g/t Au, 2.5 g/t Ag, 0.26% Zn, 0.14%
     Pb from 50-52m
- Mineralisation generally increases with depth in basement
- Widespread and intense alteration in basement observed in many reconnaissance drillholes, indicative of large mineralising system
- Phase 2:
  - ESMH0001 22m @ 1.0g/t Au & ESMH0024 24m @0.7g/t Au
  - Holes 18,19,22 & 23 indicating secondary base metal and pathfinder element zone 1.3km NE of discovery hole
- Phase 3:
  - Further Drilling completed within heritage survey area to ascertain orientation of the mineralisation, currently awaiting assay results and reconnaissance drilling across the tenements



# CROSS SECTIONS AROUND ESA023

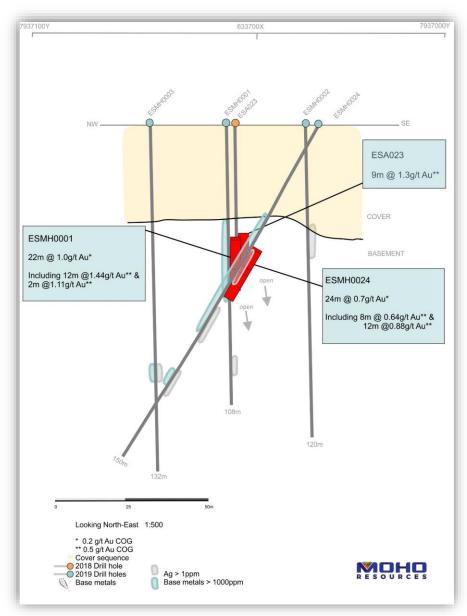


Fig1: Significant Gold intersections at Arrowhead

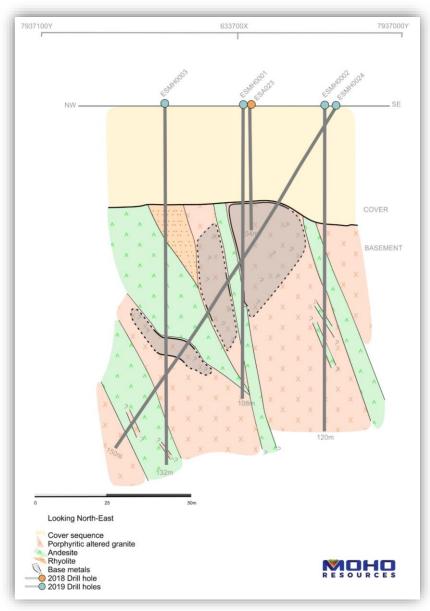
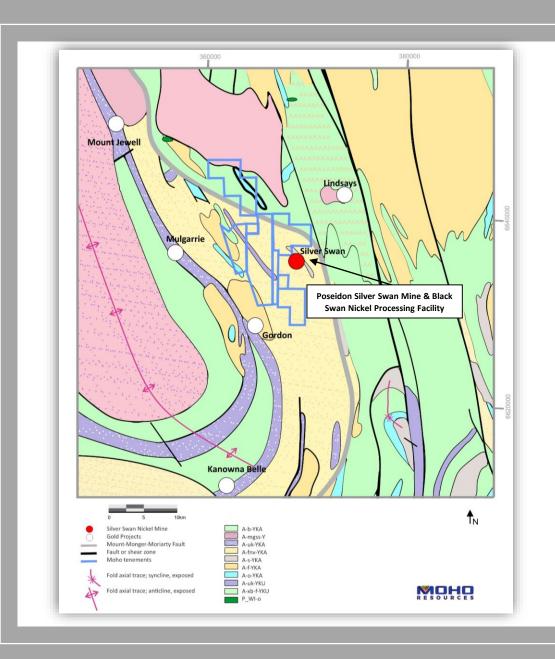


Fig2: Base metal mineralisation Envelope



# SILVER SWAN NORTH (WA) Au/Ni PROJECT

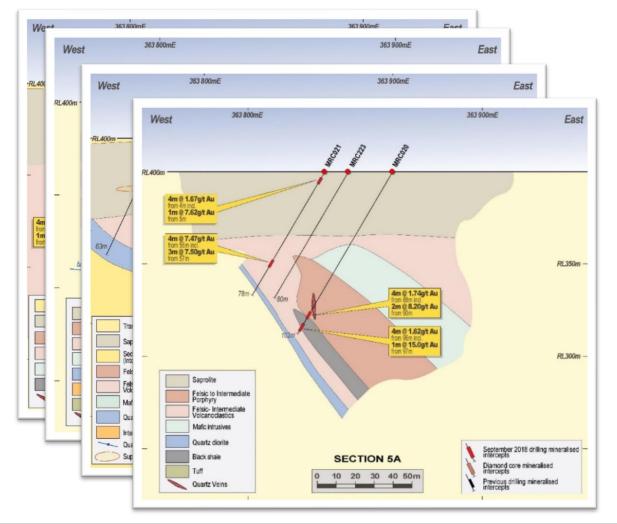
- 50km North of Kalgoorlie
- Moho owns 100% (1 x EL, 2 x PL, 1 x PLA, 2 x ELA)
- Staged earn in to 70% in (1 x ML, 1 x EL) by expending \$1m by June 2025 – (Stage 1, 51% equity achieved)
- Located close to Ni & Au plants
- Potential for early stage Au production
- 1 Phase of Au Drilling and 3 phases of Ni Drilling completed

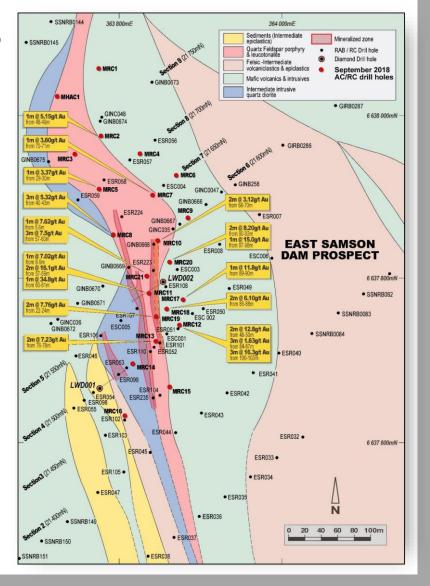
# WHAT HAS MOHO ACHIEVED AT SILVER SWAN NORTH SINCE IPO?

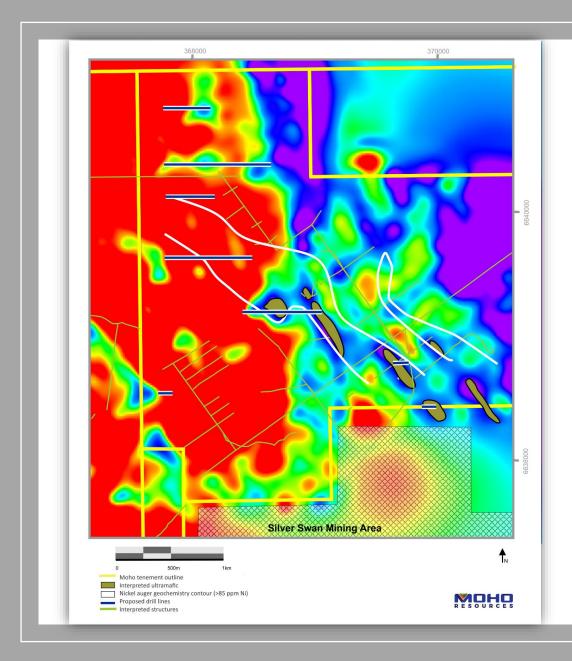
- Silver Swan, WA
  - East Samson Dam (Au) Drilling 2,079m and 21 holes.
    - Best intersection of 3.0 m @16.3 g/t Au from 100m, including 1.0 m @ 42.6 g/t Au in MRC012
  - Drilling confirmed a number of gold zones at different depths, and extended known gold mineralisation to 220m along strike
  - High sensitivity SQUID EM survey initiated to follow up Ni anomalies identified in historic EM, soil surveys and anomalous drill intersections
  - Detailed ground-based gravity survey completed
  - Aboriginal Heritage Survey on key exploration areas completed
  - Approval of co-funded drilling application for up to \$150,000 from WA Government
  - CSIRO 'Kick-Start' R&D geochemical fingerprinting program to identify nickel sulphide prospective geology approved
  - First stage 51% of farm-in with ODIN achieved, and Intention to progress to 70%
  - 3 Phases of Ni drilling completed



# SILVER SWAN NORTH GOLD RESULTS





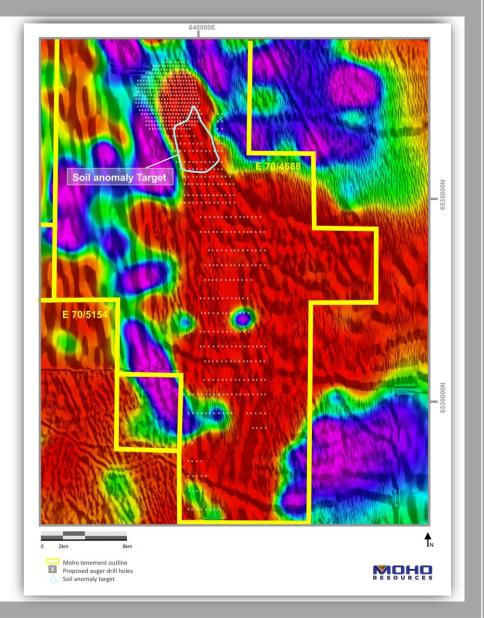


# SILVER SWAN NORTH (WA) – NICKEL SULPHIDE EXPLORATION

- Phase 1:
  - Moho targeted historic EM anomalies for potential high-grade nickel sulphide (NiS) mineralisation
  - Maiden nickel sulphide drill program for 825m
     RC drilling and 4 holes completed
- Phase 2 & 3:
  - Drilled 42 holes and 3,433m
  - Phase 2 focussed on coincident gravity and anomalous Ni geochemical targets
  - Phase 3 Geochemical and stratigraphic aircore drilling to identify suitable host rocks for nickel sulphide mineralisation under cover
  - Awaiting assay results

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

- Au in soil anomalies in under-explored greenstone belt in Wheatbelt
- 1 x EL (~ 130km²) identified by IGO from Au anomaly from database, Moho earning 70% by expending \$450,000 by 6/11/20 (Spent ~\$230k to date)
- 1 x EL (~160km2) 100% owned by Moho
- On major structural trend to 695,000 oz Au deposit at Tampia ~100km to south;
- Burracoppin only ~10km west of operating Edna May Au plant



WHAT HAS MOHO ACHIEVED AT BURRACOPPIN SINCE IPO?

### Burracoppin, WA –

- Airborne EM survey completed over E70/4688
- Grant of adjoining E70/5154 significantly increases gravity anomalies to be tested
- Completed relevant land access and compensation agreements
- In the process of completing 840 shallow Auger holes, targeting gravity and Au-in-soil anomalies.
- Awaiting Assay results auger program



PRIMED TO MAKE AUSTRALIA'S NEXT BIG DISCOVERY

- ✓ Driven Explorers
- ✓ Right commodities
- ✓ Right projects
- ✓ Right people
- ✓ Right timing

