

## RESTART OF GOLD DRILLING AT EMPRESS SPRINGS

ASX  
ANNOUNCEMENT  
13 May 2019

### Highlights:

- 2,500m of reverse circulation drilling to commence this week after wet season to follow up lateral and vertical extensions to recently discovered gold and base metal mineralisation at Arrowhead Prospect
- 7,000m reconnaissance air core program scheduled for early June to test:
  - lateral extensions of mineralisation off-track at Arrowhead Prospect (subject to results of heritage survey starting in late May)
  - remainder of exploration targets across project area along tracks
- Drill rig utilisation and sample analysis to be optimised with on-site laboratory equipped with portable XRF analyser
- Access tracks refreshed and exploration camp mobilised to site

Moho Resources Ltd (ASX:MOH) (**Moho** or **Company**) is pleased to announce that drilling at the Empress Springs project, 50 km S of Croydon Far North Queensland (Figure 1), is due to recommence at the end of the week.

CORPORATE DIRECTORY

NON EXECUTIVE CHAIRMAN  
Terry Streeter

MANAGING DIRECTOR  
Shane Sadleir

COMMERCIAL DIRECTOR  
Ralph Winter

NON EXECUTIVE DIRECTOR  
Adrian Larking

JOINT COMPANY SECRETARIES  
Ralph Winter / David McEntaggart

ASX: MOH

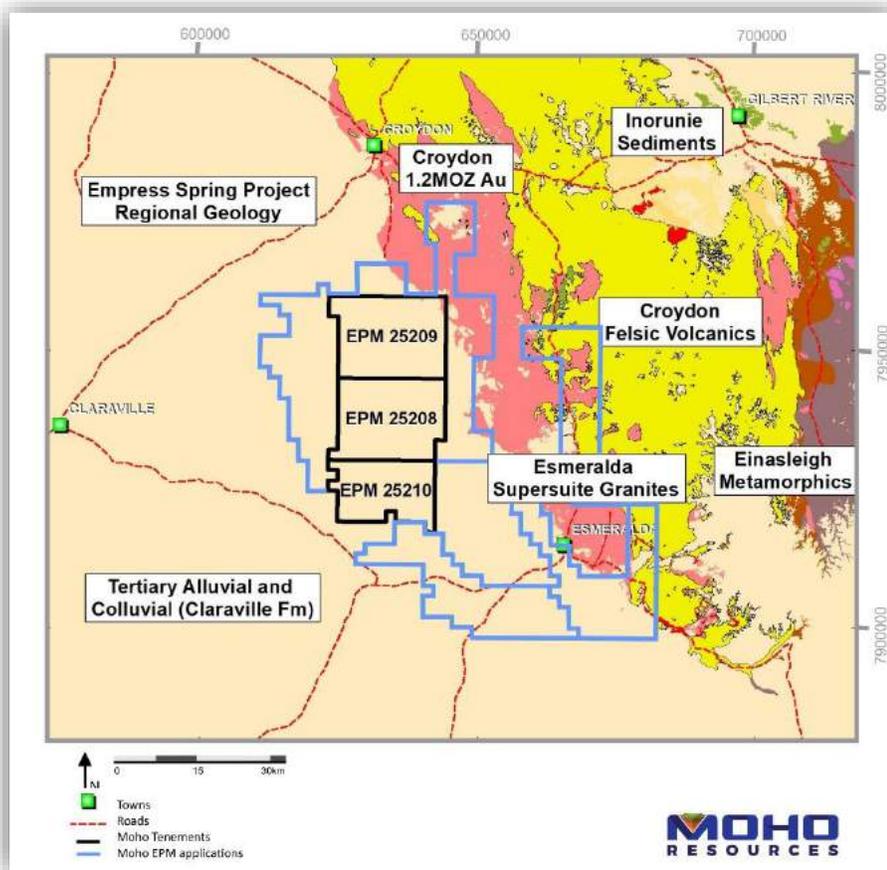
CORPORATE ADDRESS

L11/216 ST GEORGES TCE  
PERTH 6000

T +61 (08) 9481 0389  
+61 (08) 9463 6103

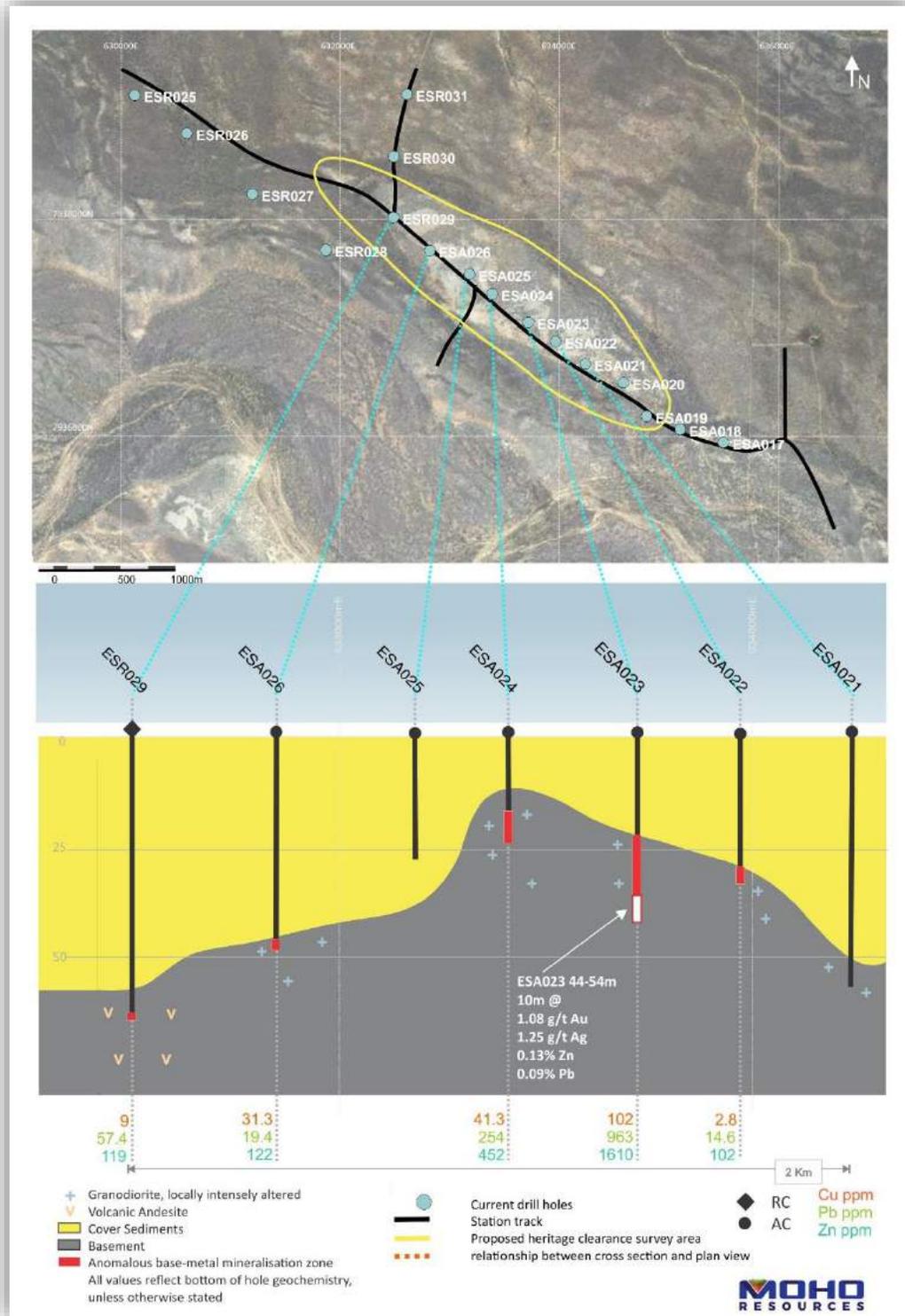
E [admin@mohoresources.com.au](mailto:admin@mohoresources.com.au)

W [www.mohoresources.com.au](http://www.mohoresources.com.au)



**Figure 1: Empress Springs Project showing regional geology and Moho granted and recent applications**

Deep RC drilling will initially follow up the November 2018 discovery of significant gold and base metal mineralisation in highly altered basement rocks under cover at Empress Springs (Figure 2)<sup>1</sup>.



**Figure 2: Plan view and cross Section of gold and base metal mineralisation discovered by Moho in 2018 exploration program at the Arrowhead Prospect**

<sup>1</sup> Refer to Moho's announcement to the ASX dated 9 February 2019 "Virgin gold and base metal discovery at Empress Springs

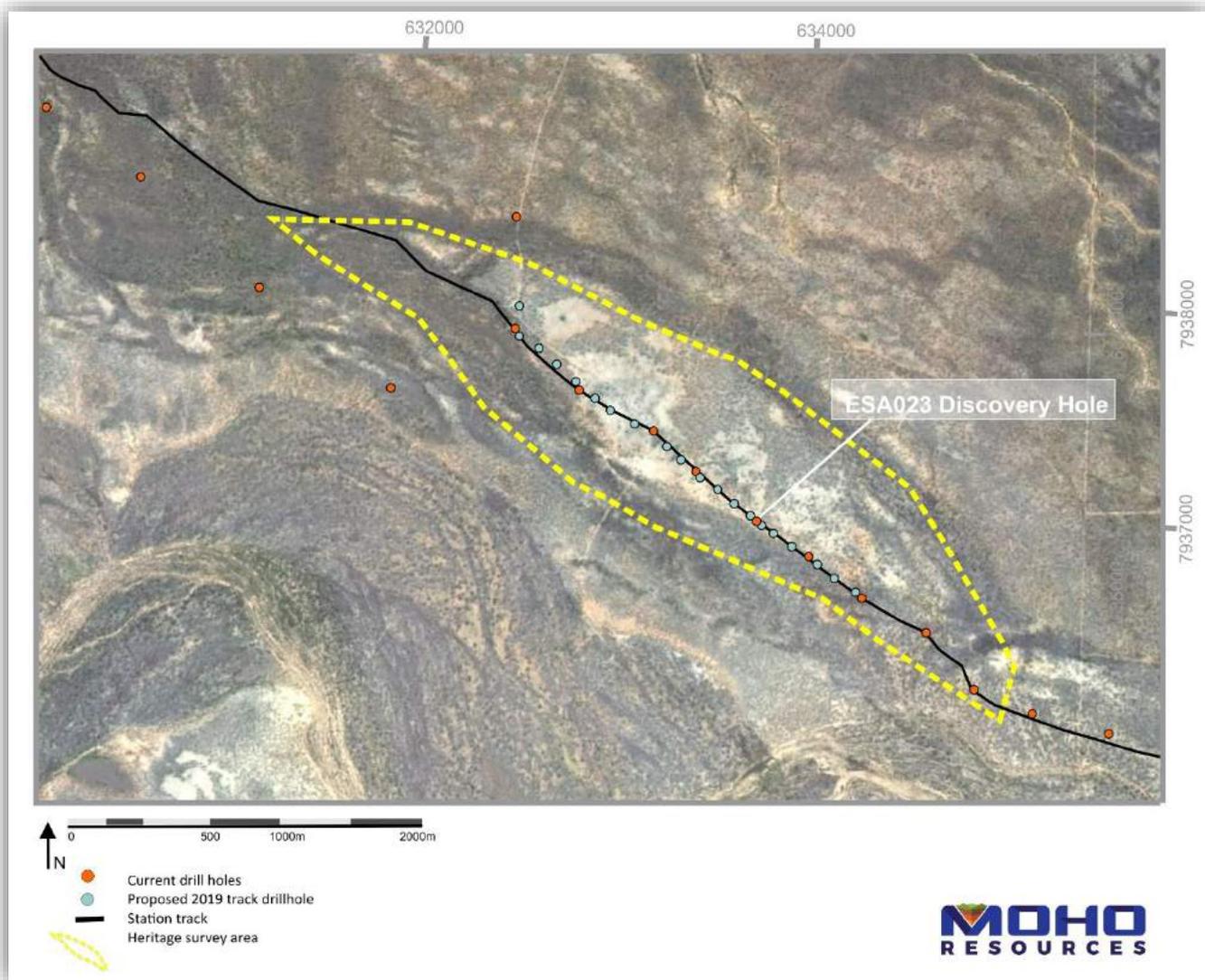
At the Arrowhead Prospect, discovery hole ESA023 intersected 10m @ 1.1 g/t Au from 44 – 54m including 2m @ 2.1 g/t Au, 2.5 g/t Ag, 0.26% Zn, 0.14% Pb from 50-52m. Importantly, the hole ended in mineralisation with the bottom 2m interval of 52-54m grading 1.9 g/t Au, 1.4 g/t Ag, 0.16% Zn, 0.10% Pb.

Anomalous silver mineralisation was also intersected in basement rocks at the Arrowhead Prospect (1.6 g/t Ag from 58-59m) in hole ESR029 (1.6 km WNW of ESA023). Bottom of hole base metal anomalism also extends for over 2km at the Arrowhead Prospect.

## 2019 DRILL PROGRAMS

### RC Drilling, Arrowhead Prospect

In mid-May, RC drilling is scheduled to start on the track at the Arrowhead Prospect (Figure 3) to test the extent of gold and base metal mineralisation down to about 100m vertical depth.



**Figure 3: Proposed RC Drillholes and heritage clearance area, Arrowhead Prospect**

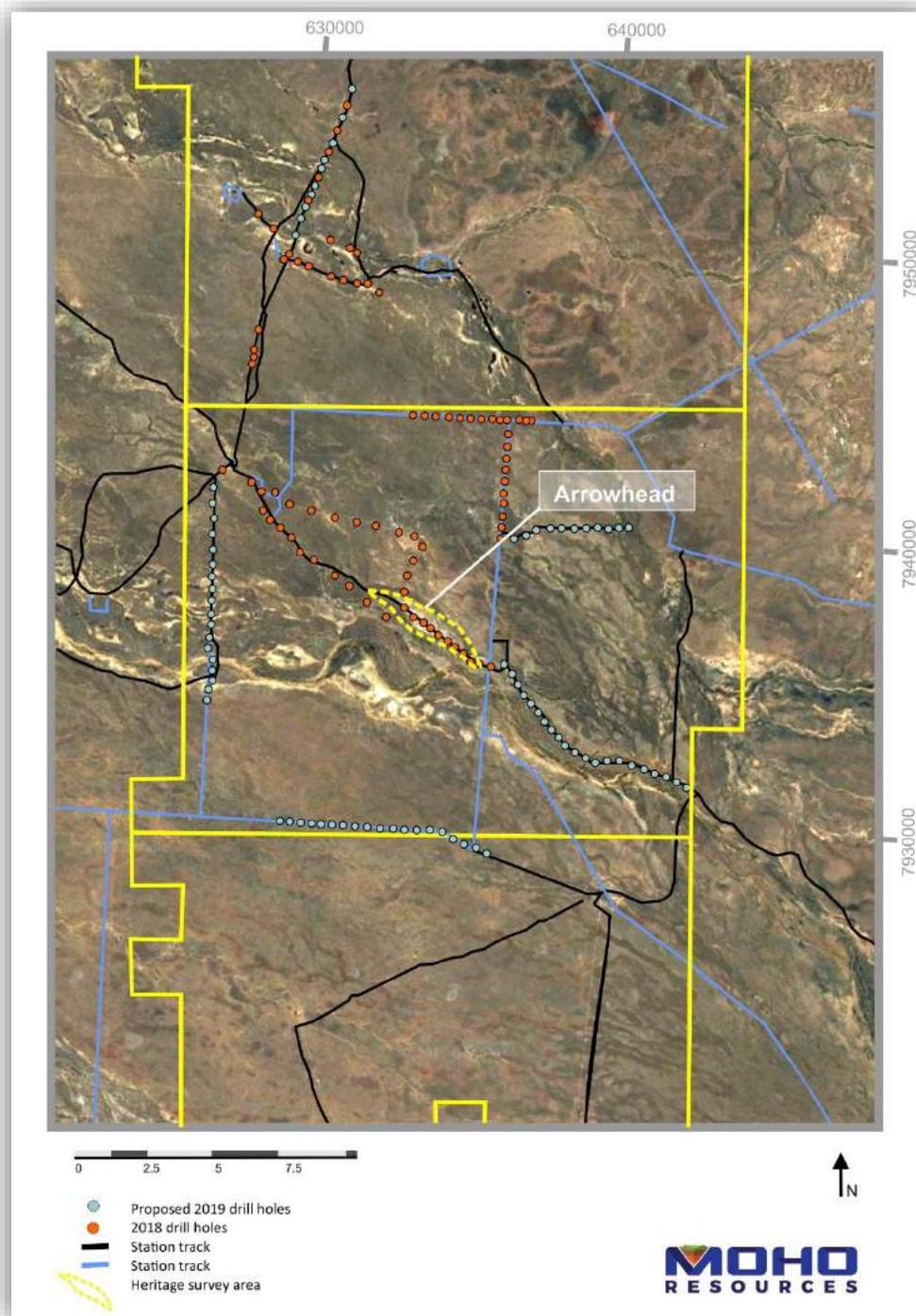
The RC drilling program is expected to take approximately 2 weeks to complete. Up to 2,500m of drilling will be undertaken along the existing tracks. The number and depth of holes may be increased if strong base metal anomalism is detected from the pXRF analyser to be utilised during the drill program (see details below).

***Heritage Surveying Across Arrowhead Prospect***

A clearance heritage survey across the Arrowhead area will be undertaken in late May (Figure 3) and is anticipated to take 3-5 days to complete.

***Reconnaissance Air Core Drilling***

The Company proposes to undertake approximately 7,000m of reconnaissance air core drilling on existing tracks to test exploration targets not explored in 2018 (Figure 4).



**Figure 4: Proposed Reconnaissance Air Core Drillholes in 2019**

## **ON-SITE LABORATORY WITH SAMPLE PREPARATION AND XRF ANALYSER**

Analysis of the geochemical data generated from the 2018 drilling programs by Moho's consultant geochemist has confirmed a correlation between the Au mineralisation and Ag-Zn-Pb-Cu-Cd-W-Sn in the basement mineral suite at the Arrowhead Prospect. Moho propose to use Zn-Pb-Cu values generated by a pXRF unit as mineralising vectors during the 2019 drilling campaigns. The Company has engaged Imdex to provide an in-field Geoanalytic system (Plate 1) to crush, pulverise, pelletise and analyse drill samples on a daily basis using a portable XRF analyser.

The Company believes the daily availability of indicative base metal results, as opposed to waiting weeks for laboratory assay results, will optimise the utilisation of the drill rig and provide flexibility to prioritise testing of areas with enhanced anomalism. It should also result in fewer assays of non-mineralised samples and a faster turn-around of critical Au results through the laboratory.



*Plate 1: Geoanalysis Crusher, Pulverising Mill, Disc Press and pXRF Stand*

## **TRACK ACCESS AND CAMP MOBILISATION**

The final camp mobilisation was completed in early May 2019 (Plate 2).



*Plate 2: Exploration camp at Mittagong Bore, Empress Springs*

Access tracks on Mittagong and Esmeralda Stations were refreshed after wet season damage by a Croydon based clearing contractor.

## COMPETENT PERSONS STATEMENT

The information in this announcement that relates to Exploration Results is based on information and supporting documentation compiled by Mr Bob Affleck, who is a Competent Person and Member of the Australasian Institute of Geoscientists (AIG). Mr Affleck is employed full-time as Exploration Manager of Moho Resources Ltd and holds shares in the Company.

Mr Affleck has sufficient experience relevant to the style of mineralisation under consideration and to the activity which is being undertaken to qualify as Competent Persons as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves"., Mr Affleck consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

## MOHO'S INTEREST IN EMPRESS SPRINGS TENEMENTS

On 30<sup>th</sup> January 2019, Moho notified INPL that it had met the initial Earn-in on the tenements at Empress Springs under the terms of the Letter Agreement (details below). Moho also notified INPL that it had elected to proceed with the exploration to earn an additional 19% interest in the tenements in accordance with the Empress Springs Letter Agreement.

On 27 July 2016 the Company entered into a farm-in joint venture agreement with Independence Newsearch Pty Ltd (as amended on 6 April 2018) (INPL) (a wholly owned subsidiary of Independence Group NL) pursuant to which the Company may earn up to a 70% interest in EP25208, EPM25209 and EPM25210, within the Empress Springs Project, in two stages:

- (a) (Earn-in Right): the Company may:
  - (i) earn a 51% interest in the tenements by expending \$1,000,000 on exploration activities by 27 July 2019; and
  - (ii) in the event that the 51% interest is earned, the Company has an additional right to earn a further 19% interest in the tenements by expending a further \$1,400,000 within 4 years of acquiring its 51% joint venture interest.
- (b) (Formation of Joint Venture): on and from the date on which the Company earns a 51% interest in the tenements, the parties shall form an unincorporated joint venture for the purpose of exploring, and if warranted, developing and mining the tenements.

Following formation of the joint venture, the Company is proposed to be manager of the joint venture;

- (c) (Free-carried Interest or Buy-back): In the event that the Company elects to earn the additional 19% interest, INPL's joint venture interest is free carried until completion of a pre-feasibility study.
- (d) (Buy Back on Potential Mining Area (PMA)): Upon completion of a pre-feasibility study on a PMA, INPL may elect to contribute to the joint venture to the extent of its interest, convert its interest to a 10% free-carried interest or buy-back a 21% interest in the joint venture in that PMA. The consideration payable for the buyback will be based on the market value of the tenements or otherwise the value of 3.5 times the expenditure incurred by the Company on the tenements.

In the event that the buy-back is completed, INPL will be manager of the joint venture on the PMA. Following the buy-back, the Company will be entitled to contribute to the work programme to the extent of its interest or convert to a 30% free-carried interest in respect of the PMA.

The Company will remain manager of the remaining tenements outside the PMA and it will be required to contribute to the work programmes in proportion to its interest at the time.

In February 2019 Moho applied for an additional 2,004 km<sup>2</sup> of highly prospective ground, mostly adjacent to the Empress Springs Project. If and when granted, most of this ground will fall under the same conditions as the Empress Springs tenements.

## About Moho Resources Ltd



**MAP OF MOHO'S PROJECT AREAS**

On 7<sup>th</sup> November 2018 Moho listed on the ASX, raising \$5.3 million. As a result, the Company is well funded to advance exploration on its three highly prospective projects at Empress Springs, Silver Swan North and Burracoppin.

Moho's Board is chaired by Mr Terry Streeter, a well-known and highly successful West Australian businessman with extensive experience in funding and overseeing exploration and mining companies, including Jubilee Mines NL, Western Areas NL and Midas Resources Ltd.

Moho has a strong and experienced Board lead by geoscientist Shane Sadleir as Managing Director, Commercial Director Ralph Winter and Adrian Larking, lawyer and geologist, as Non-Executive Director.

Highly experienced geologists Bob Affleck (Exploration Manager) and Max Nind (Principal Geologist) are supported by leading industry consultant geophysicist Kim Frankcombe (ExploreGeo Pty Ltd) and experienced consultant geochemist Richard Carver (GCXplore Pty Ltd).

Moho's geophysical programs and processing and analysis of the results are supervised by Kim Frankcombe who is a geologist and geophysicist with 40 years' experience in mineral exploration. He has worked for major mining companies, service companies and for over 20 years as an independent geophysical consultant. He was a member of the discovery team for several significant deposits including one Tier 1 deposit. He manages the ExploreGeo consulting group which provides specialist geophysical advice to explorers.

### For further information please contact:

Shane Sadleir, Managing Director  
T: +61 411 704 498  
E: [shane@mohoresources.com.au](mailto:shane@mohoresources.com.au)

Ralph Winter, Commercial Director  
T: +61 435 336 538  
E: [ralph@mohoresources.com.au](mailto:ralph@mohoresources.com.au)