

### **Larvotto Resources**

Multi Commodity Focused Australia and New Zealand Exploration Company

Copper, Gold, Cobalt, PGE & Lithium

April 2022 ASX:LRV | TGAT:K6X

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#### **Competent Persons Statement**

The information in this presentation that relates to exploration results is based on information compiled by Mr Ron Heeks, who is a Member of the Australasian Institute of Mining and Metallurgy and who is Managing Director of Larvotto Resources Limited. Mr Heeks has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Heeks consents to the inclusion in the release of the matters based on his information in the form and context in which it appears. The Company is not aware of any new information or data that materially affects the information included in this presentation. All material assumptions and technical parameters underpinning the estimates in the Announcements referred to continue to apply and have not materially changed.

## **Investment opportunity**



Tier 1 investment locations

- Copper, Gold, Cobalt, PGE, Lithium
- Proven mining regions
- Excellent logistics
- Accessible production facilities
- Strong team experienced company and project developers



## **Corporate Overview**



### **Board and Key Personnel**

Mark Tomlinson	Independent Non-Executive Chair	
Ron Heeks	Managing Director	
Anna Nahajski-Staples	Non-Executive Director	
Suzanne Irwin	Company Secretary	

### **Major Shareholders**

Board and Management	~13%
Top 40 Shareholders	~61%

### **Corporate Structure**

Shares on issue	55,820,003
Options exercisable @ \$0.30	15,000,000
Share price @ 31 <sup>st</sup> March 2022	\$0.22
Market Cap @ 31 <sup>st</sup> March 2022	\$12.28M
Enterprise Value	~\$7m
Cash @ 31 <sup>st</sup> December 2021	\$4.6m



## **Experienced** team





#### Mark Tomlinson, B.Eng(Mining), FAusIMM | Independent Non-Executive Chair

Investment Banker and Mining Engineer with over 40 years' experience in the Australian mining sector. Most recently, Mark was a Corporate Finance Director for over 13 years with Patersons Securities in Melbourne. During this time Mark completed capital raisings and M&A transactions and acted as Corporate Adviser to a number of ASX companies advising on strategy, asset and funding initiatives.

Prior to joining Patersons, Mark worked as a consultant for companies including BHP Billiton and Credit Suisse on a range of projects. For 10 years Mark was a senior mining analyst in equities research with Bankers Trust and JPMorgan covering a range of ASX resources companies and sectors including BHP and Rio Tinto. Mark began his career as a mining engineer with BHP Billiton and Rio Tinto in underground coal operations for over a decade before moving to Bankers Trust. He subsequently re-joined BHP as Strategy manager for BHP Billiton in its Carbon Steel Materials division (iron ore, met coal and manganese).



#### Ron Heeks, B.App.Sc, MAusIMM | Managing Director

With 35 years' mining industry experience, Ron was most recently Managing Director of Geopacific Resources Ltd which acquired and is constructing the 1.6Moz Woodlark gold project in PNG. Ron served as Managing Director of Coolgardie Gold NL and technology company Smarttrans Ltd. He has been a director of Kula Gold Limited and Mongolian based Xanadu Mines Ltd.

Ron was a founder of Exploration and Mining Consultants an international geological consultancy and has had previous experience with Western Mining Corporation, Newcrest, Newmont (US) and RSG Consulting. Ron has held senior roles in both mine management and exploration and is a former General Manager – Technical for Straits Asia Indonesian gold and coal operations and Chief Technical Officer for Adamus Resources Southern Ashanti Gold Operation. He has lived and worked in various countries worldwide gaining extensive experience in South-East Asia and in particular, Indonesia. During his senior roles, debt and equity funds raised are in excess of half a billion dollars.



#### Anna Nahajski-Staples, BA Bus, F Fin, ACIS, GAICD | Non-Executive Director

Anna is an experienced investment banker with 28 years' experience (15 years in the mining sector) representing over half a billion dollars in transactions. She is currently Director of corporate advisory firm Paloma Investments and Managing Director of Nevada-focused gold explorer Moneghetti Minerals. In 2017 Anna was a founding Director of NZ-focused Siren Gold (ASX: SNG) and has specialised in financing junior explorers over the past decade.

Anna is a Fellow of Finsia, a graduate of the Governance Institute of Australia (2009) and the AICD (2007) and studied accounting at Harvard University (1993) before receiving a Bachelor of Business Administration from the University of Washington.

## **Key Project Highlights**



## Targeting exploration and near-term production in Australia and New Zealand

### Australia

- Mt Isa Copper, Gold & Cobalt Project, QLD
  - · Adjacent to Mt Isa townsite in Queensland
  - Along strike Mt Isa Mine
  - Surrounds active Barbara Copper Mine
  - 9% cobalt in recent rock chips, no historic sampling for cobalt
- Eyre Multi-metals & Lithium Project, WA
  - 580km<sup>2</sup> gold, lithium, base metals, PGE
  - 30km East of Norseman
  - Adjacent world-class gold and nickel mines
  - Along strike from Liontown's Buldania lithium resource

### **New Zealand**

- Ohakuri Gold Project
  - Advanced epithermal project located on North Island
  - Large, low-grade gold area identified
  - 2022 exploration program commenced



### All three Larvotto projects are walk up starts

## Mt Isa Copper, Gold & Cobalt Project



## Drill ready, near-surface copper, gold, cobalt targets

- Directly along strike Mt Isa Mines copper operation
- Surrounds two operating copper mines
  - Quick, cost-effective path to production
- Excellent logistics
- Multiple 3<sup>rd</sup> party processing options
- Large landholding (approx. 889km<sup>2</sup>)
  - Significant exploration upside outside current targets
- Exploration commenced Jan 2022 including:
  - Fixed Loop IP geophysics
  - Soil Geochemistry Program
  - Drilling planned Q2 2022



Mt Isa Copper Project location and geology map

## Mt Isa – Drill Targets





Mt Isa tenements and geology

## Mt Isa - Yamamilla



## Four-kilometre-long zone of anomalous geochemistry

- Soil geochemistry and high-grade rock chips (up to 17% Cu) correlate with geophysics
- Prospectivity confirmed by multiple sources
  - Geophysics
  - Airborne VTEM
  - Ground/downhole EM
  - Soil geochemistry
  - Rock chips
  - Limited drilling
- 9% Co identified in rock chips (pXRF)







Yamamilla geochemistry and drilling

### Mt Isa - Yamamilla



### Multiple prospects with multiple targets

- Initial results include:
  - 13m @ 1.13% Cu inc. 7m @ 1.76% Cu<sup>1</sup>
  - 10m @ 1.99% Cu inc. 4m @ 4.57% Cu<sup>2</sup>
  - 35m @ 0.33% Cu inc. 4m @ 1.27% Cu<sup>3</sup>
  - 70m @ 0.26% Cu inc. 1m @ 2.34% Cu<sup>4</sup>
- Drill ready
- Cobalt and Gold potential
- Portal Creek untested by geochemistry drilling
- Adjacent Mt Cuthbert Prospector copper resource (non JORC)



Yamamilla airborne VTEM geophysics

RC – Reverse Circulation drill hole DD – Diamond drill hole <sup>1</sup> YMRC003 <sup>2</sup> YMRC005 <sup>3</sup> YMRC002 <sup>4</sup> YMRC011/DD001

### Mt Isa – Ballara Saddle



### **Prospective IOCG areas within Larvotto's project**

- Identified by Cyprus Gold Australia in 1995 through field mapping and rock chip sampling
- Excellent historic trench results include:
  - 15m @ 6.60% Cu and 0.64 g/t Au
  - 10m @ 5.60% Cu and 0.34 g/t Au
  - 2m @ 1.78% Cu and 0.74 g/t Au
- No cobalt sampling was undertaken in historic program
- IOCG potential of area highlighted by recent hits by
  - Cooper Metals (ASX: CPM)
  - Carnaby Resources (ASX: CNB)
  - Hammer Metals (ASX: HMX)

#### **Copper Deposit Styles in Mt Isa Region**

#### IOCG

Iron oxide copper gold deposits such as Ernest Henry, Prominent Hill

#### Characterised by:

- Magnetite or haematite-rich; disseminated, breccias
- Broad alteration haloes
- Geophysical signature
- Generate gravity and magnetic anomalism
- Strong IP chargeability anomalies
- Weak to no EM anomalies

IOCG deposits, importantly, do not have electromagnetic (EM VTEM) geophysical signatures associated with IOSG orebodies

#### ISCG

Iron Sulphide Copper Gold deposits such as Eloise, East Osborne, Kulthor, Cormorant

#### Characterised by:

Pyrrhotite-rich; massive, high grade

- Tabular bodies following fault structures
- Magnetically quiet
- Fe in form of pyrrhotite and pyrite; may be completely non magnetic

#### Geophysical signature

- Weak to no regional gravity anomalism
- Strong ground EM anomalies



Ballara Saddle diagram with trench results

## Mt Isa Copper – Blue Star



### Multiple targets requiring follow-up drilling

- Blue Star:
  - 9m @ 6.12% Cu and 0.69 g/t Au including 4m @ 9.89% Cu and 1.05 g/t Au (ended in mineralisation)
- Trey Bit:
  - 3m @ 1.57% Cu
- Gospel:
  - 3m @ 1.5% Cu, 0.19 g/t Au, 0.29 g/t Ag, 1.4 g/t Bi
- No deep drilling





Blue Star airborne VTEM geophysics

## Eyre Project – Ni, Au, Cu, PGE, Li



### Multi commodity opportunity

- World-class mineral field containing gold, copper, nickel, PGE and lithium targets
- Adjacent operating gold, nickel operations
- First identified in 1970s (WMC)
- Soil veneer masked underlying geology
- Excellent logistics, close to Kalgoorlie
- Straddles interstate highway
- Large landholding (580km<sup>2</sup>)
- Albany-Fraser terrane (elephant country)
- Fully permitted immediate start



Eyre Project location and geology map

## Eyre – Ni, Au, Cu, PGE, Li



### **Geophysics identified new greenstone belt**

- Adjacent to active mines
  - Central Norseman, Au
  - Nova, Ni
- Gold high-grade Norseman system
- Numerous geochemistry targets
- Along strike from Liontown's Buldania Lithium resource (14.9Mt at 1% Li<sub>2</sub>O and 44ppm Ta<sub>2</sub>O<sub>5</sub>)
- Mt Norcott has known nickel and copper potential (identified by Western Mining Corporation and Newmont)



Eyre Project tenement and airborne magnetics

## Eyre – Ni, Au, Cu, PGE, Li



### **Multi Commodity Potential**

- Lithium potential
  - Merivale, initially identified by Anglo Australia geochemistry
  - Along strike to the south of the Liontown Buldania lithium resource
- Nickel/Copper, PGE layered dyke system and ultramafic complex
- Auger soil geochemical sampling to commence on receipt of Native Title clearance



## **Ohakuri Gold Project**



## Epithermal gold project with large existing gold mineralisation endowment

- Epithermal gold system
- 10,000m drilling (2012) discovered large low-grade zone from surface
  - 172m @ 0.41 g/t Au
  - 160m @ 0.32 g/t Au
  - 215m @ 0.21 g/t Au
  - 170m @ 0.24 g/t Au
- Ohakuri and Maleme fault areas targeted for gold feeder zone potential
- Correlation of geochemistry and geophysics with targets
- Fully permitted geochemistry drilling commenced
- Follow-up geophysical survey planned



Ohakuri Project location and geology map

## **Ohakuri - Geochemical Drill Targets**



- Geochem drilling commenced March 2022
- Drilling to expand upon limited geochemical work undertaken by past explorers that identified gold mineralisation at the Central Zone
- Targets centred around intense magnetic low
  - Similar in size and intensity to Waihi
  - Large area of mineralisation in Central Zone (0.2-0.4 g/t Au)
- Recent geophysics, geochemistry and mapping identified potential gold feeder zones for low grade mineralisation



Ohakuri tenement and airborne magnetics

Significant intercepts include: 172m @ 0.41 g/t Au 160m @ 0.32 g/t Au 215m @ 0.21 g/t Au 170m @ 0.24 g/t Au

Drill hole OHCY-19 20m @ 1.18 g/t Au including 10m @ 2.00 g/t

## Ohakuri – Current Drill Program

Drill hole

including





Planned drilling to better define location of Ohakuri and Maleme fault zones

## **Investment highlights**



### **Tier 1 mining jurisdictions**

Australia and New Zealand – low sovereign risk domains

### Strong news flow

Exploration programs commenced

### Advanced large Cu, Au, Co project adjacent to Mt Isa

Drill-ready targets and large areas underexplored

### Nickel, gold, copper, PGE & lithium exploration in large under-explored region of WA

World-class Au and Ni mines and Li resource nearby, soil cover, limited exploration

### **Advanced epithermal gold in NZ**

Large low-grade halo drilled and drill-ready gold feeder zones identified

### Strong board and management team

Proven explorers, developers and financiers, with a high-quality technical team

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