

### Larvotto Resources to Present at South-West Connect ASX Showcase

Larvotto Resources Limited (ASX: LRV, TGAT: K6X, 'Larvotto' or 'the Company') is pleased to advise that Managing Director, Mr Ron Heeks will be presenting at the South-West Connect ASX Showcase on Thursday 20 October 2022, in Busselton, Western Australia.

A copy of the presentation is attached.

#### The release of this announcement has been authorised by the Board of Directors.

For further information, please contact:

Mr Matthew Edmondson

cosec@larvottoresources.com

#### About Larvotto Resources Ltd

Larvotto Resources Limited (ASX: LRV) is actively exploring its portfolio of projects including the large Mt Isa copper, gold, and cobalt project adjacent to Mt Isa townsite in Queensland, an exciting gold exploration project at Ohakuri in New Zealand's North Island and the Eyre multi-metals and lithium project located some 30km east of Norseman in Western Australia. Larvotto's board is a mix of experienced explorers and corporate financiers. Visit <u>www.larvottoresources.com</u> for further information.

ASX: LRV | TGAT: K6X | Page 1



### **Larvotto Resources Limited** ABN: 16 645 596 238

Multi Commodity Focused Australia and New Zealand **Exploration Company** 

Copper, Gold, Cobalt, PGE & Lithium

South-West Connect ASX Showcase, October 2022 ASX: LRV | TGAT: K6X

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#### **Competent Persons Statement**

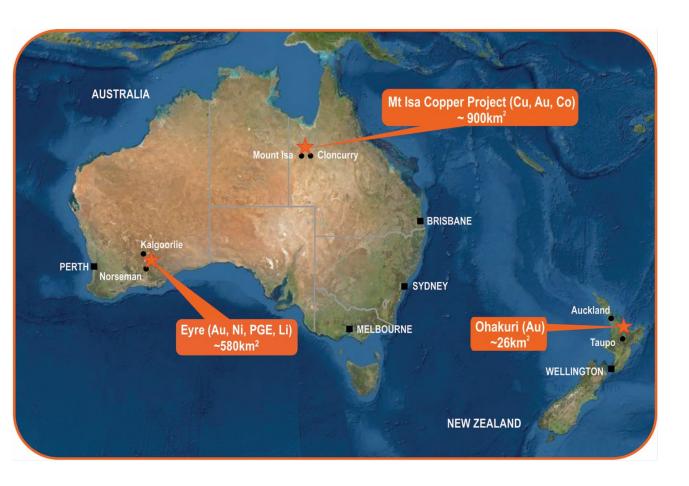
The information in this presentation that relates to exploration results is based on information compiled by Mr Ron Heeks, who is a Member of the Australasian Institute of Mining and Metallurgy and who is Managing Director of Larvotto Resources Limited. Mr Heeks has sufficient experience which is relevant 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
- Well funded including strong support from cornerstone Canadian fund
- Strong team experienced company and project developers



## **Corporate Overview**



### **Board and Key Personnel**

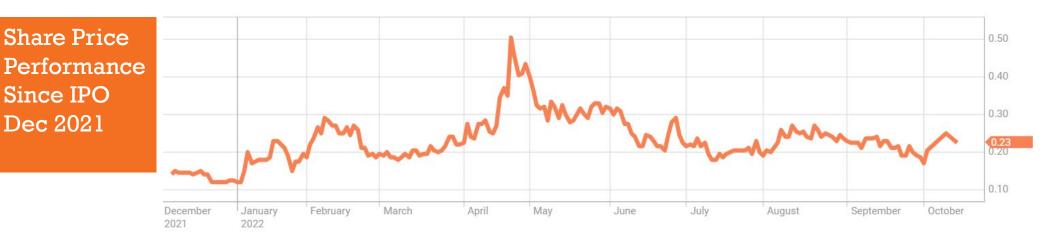
Mark Tomlinson	Independent Non-Executive Chair
Ron Heeks	Managing Director
Anna Nahajski-Staples	Non-Executive Director
Sonja Neame	Chief Operating Officer
Nicholas Longmire	Chief Financial Officer
Matthew Edmondson	Company Secretary

### **Major Shareholders**

Board and Management	~14%
Top 40 Shareholders	~60%

### **Corporate Structure**

Shares on issue	56,145,003
Listed Options exercisable @ \$0.30	15,703,301
Share price @ 14 October 2022	\$0.22
Market Cap @ 14 October 2022	\$12.35m
Enterprise Value	~\$9m
Cash @ 30 <sup>th</sup> June2022	\$3.4m



# Fully Funded - \$5.4m Investment



**Recent Placement and Cornerstone Investment Expands Exploration Plans** 

- \$3.4m Royalty, Equity and Offtake Agreement (REO Agreement) with Canadian-based Lithium Royalty Corp. and Waratah Capital
  - To expedite lithium exploration at Eyre Project, WA
- \$2m Placement secured through new and existing institutional investors
  - To fund exploration at Mt Isa Copper Project, Queensland and Ohakuri Gold Project, New Zealand.
- Funding allows for rapid expansion of planned drilling and exploration activities across the Company's Australian and New Zealand portfolio





# **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, Rare Earths & 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**

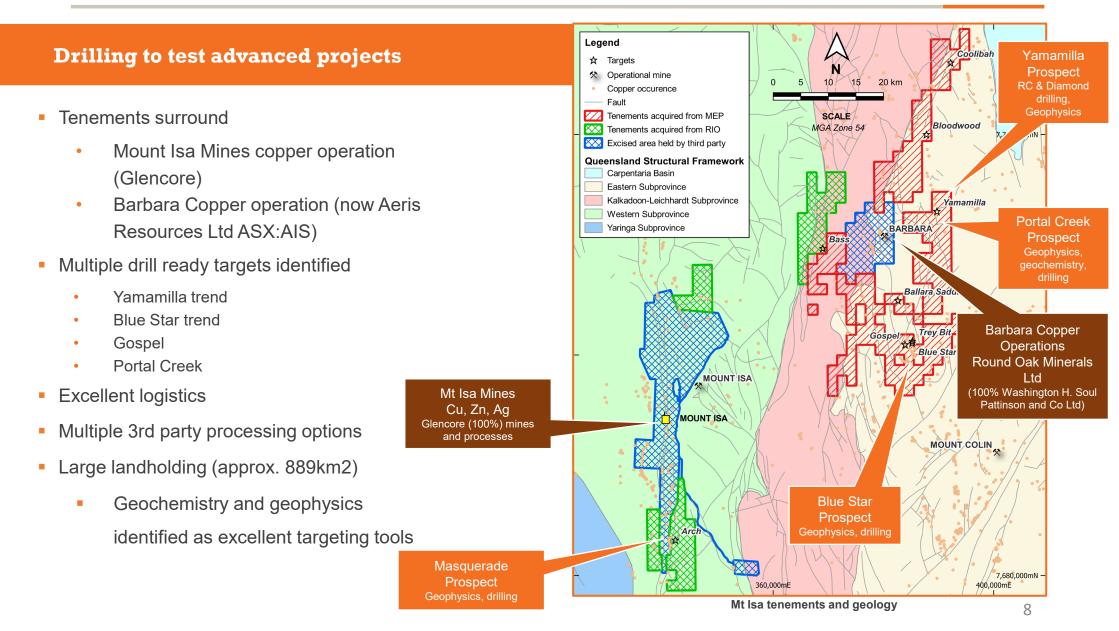
- Ohakuri Gold Project
  - Advanced epithermal project located on North Island
  - Large, low-grade gold area identified



All three Larvotto projects are walk up starts

# Mt Isa Copper, Gold & Cobalt Project





# Mt Isa Copper – Current Drilling

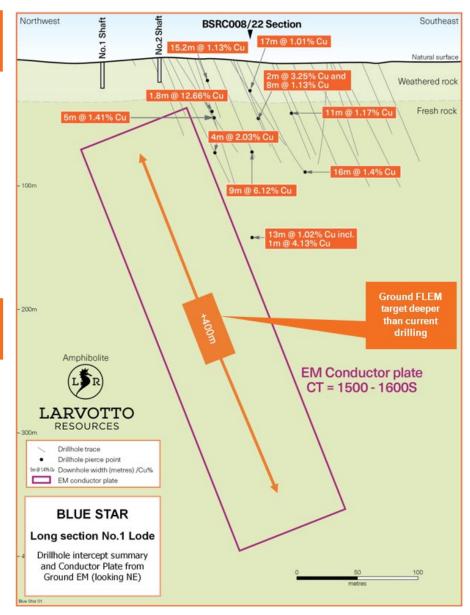


### High priority target identified below historic workings

 Strong chargeability target offset from previous drilling, extends from the north and plunges to the south to approximately 400 metres vertical depth

#### Multiple targets requiring follow-up drilling

9m @ 6.12% copper, 0.69ppm gold, 328ppm cobalt from 85m
2m @ 3.25% copper, 0.38ppm gold, 298ppm cobalt from 51m
16m @ 1.40% copper, 0.17ppm gold, 75ppm cobalt from 100m
4m @ 2.03% copper, 0.37ppm gold, 361ppm cobalt from 81m



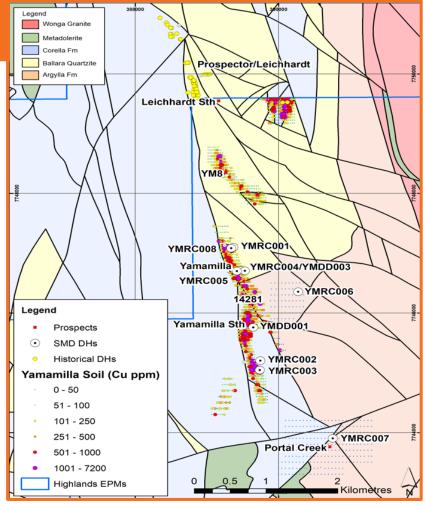
Long section showing location of high FLEM response plunging to southeast

## 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)



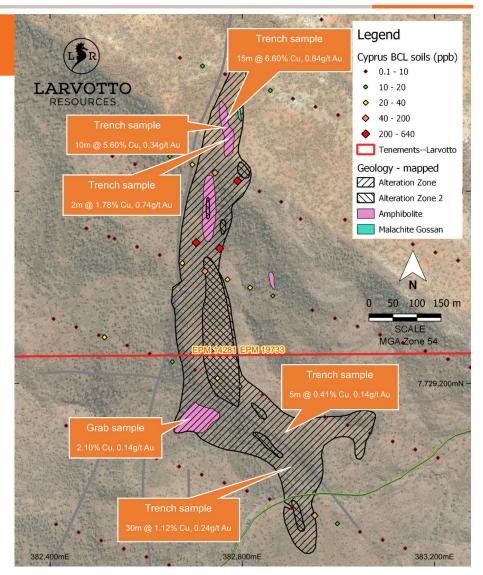
Yamamilla geochemistry and drilling

### Mt Isa – 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)



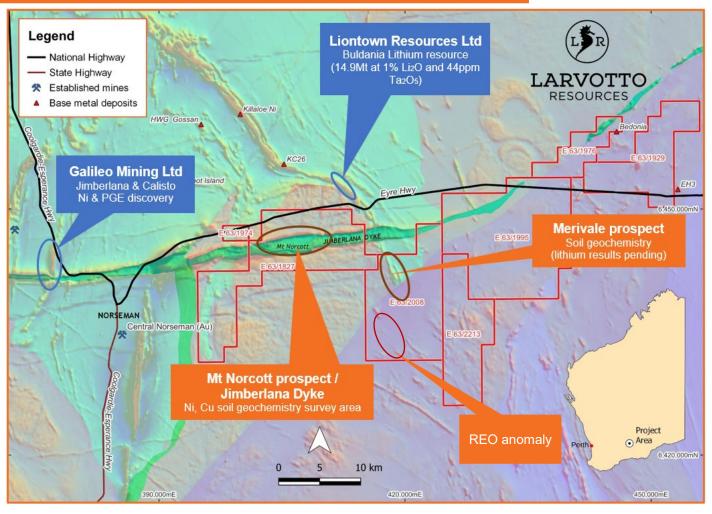
Ballara Saddle diagram with trench results

# Eyre – Ni, Au, Cu, PGE, REE, Li



### Larvotto identifies new multi commodity anomalies – Lithium, REE and Ni-Cu

- World-class mineral field containing gold, copper, nickel, PGE and lithium targets
- 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
  - Potential demonstrated by Galileo
- Auger soil geochemical sampling commenced and ongoing
  - New Lithium Anomaly identified
  - New Ni-Cu Anomaly discovered

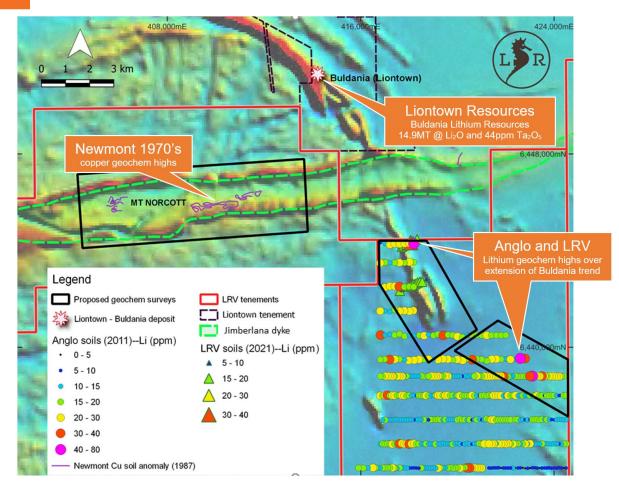


# Eyre – Ni, Au, Cu, PGE, REE, Li



#### **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>)
- Adjacent to Galileo Mining's (ASX:GAL) recent discovery of PGE and base metal mineralisation
- Mt Norcott has known nickel and copper potential (identified by Western Mining Corporation and Newmont)



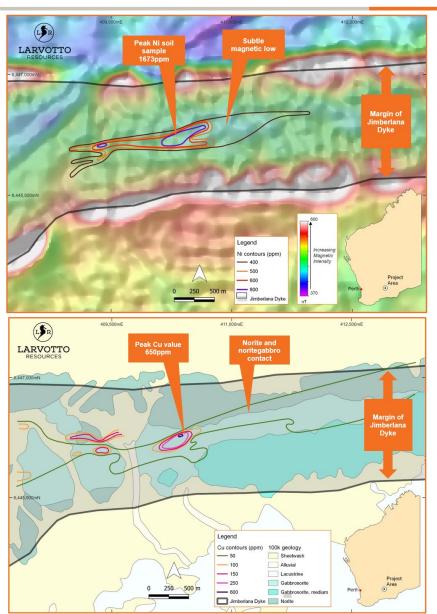
Eyre location map and soil geochemistry survey location

# Eyre – Ni, Au, Cu, PGE, REE, Li



#### **Maiden Geochemical Soil Survey**

- Survey completed in Q2 2022
- Substantial 2.5km long nickel and copper soil anomaly identified
  - Open east and west along strike
  - Peak values of 1,311ppm Ni and 650ppm Cu
- Results confirm and extend anomaly identified during 1970's exploration
- Anomaly associated within Jimberlana Dyke which hosts base metal and PGE mineralisation
- Expanded survey underway to test other areas within or adjacent to Jimberlana Dyke
- New anomaly identified at Mt Norcott Prospect extending existing anomaly



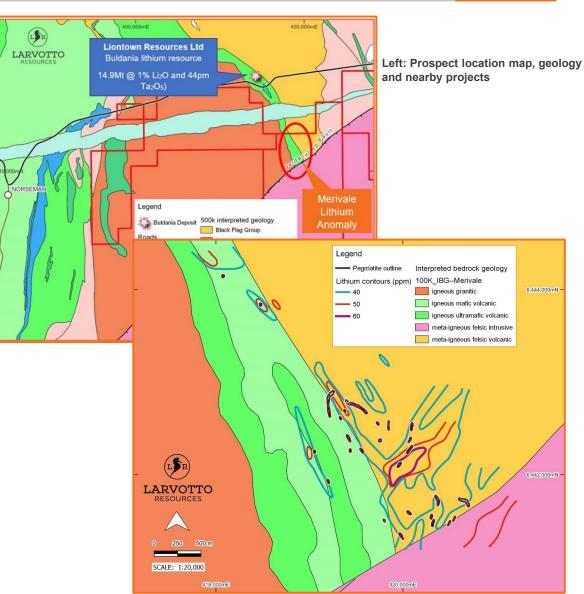
Top: Nickel geochemical contours over airborne magnetics ; Bottom: Copper geochemical contours shown over regional geology

# Eyre – New Lithium Anomaly Identified



### New anamoly at Merivale Prospect

- Significant lithium soil geochemical anomaly associated with outcropping pegmatite
- Lithium anomaly defined to be over 4km long with a higher-grade centre over 1km long and with a maximum value of 126ppm Li
- Anomaly associated with similar geology to Liontown Buldania deposit to the north
- Further evidence that low level soil geochemistry is an effective exploration tool at Eyre
- RAB and RC drilling will be used to further test the anomalies generated

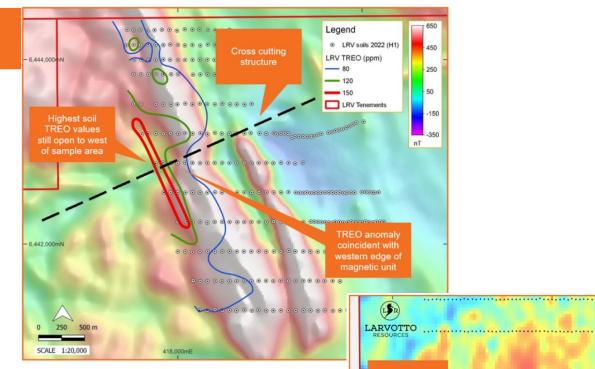


## Eyre – New Rare Earth Anomalies

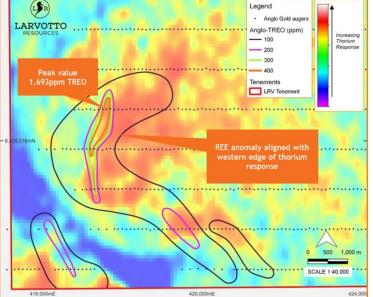


### Two new REE targets identified

- Two distinct, robust REE geochemical anomalies identified at LRV's Eyre Project, WA
- Northern anomaly was identified during the Company's lithium exploration at Merivale
- Southern anomaly was identified from a review of historic AngloGold auger program results
- Total REE values of up to 1,693ppm TREO have been identified
- Detailed follow-up of both anomalies to commence shortly



Northern TREO anomaly contours over airborne magnetics



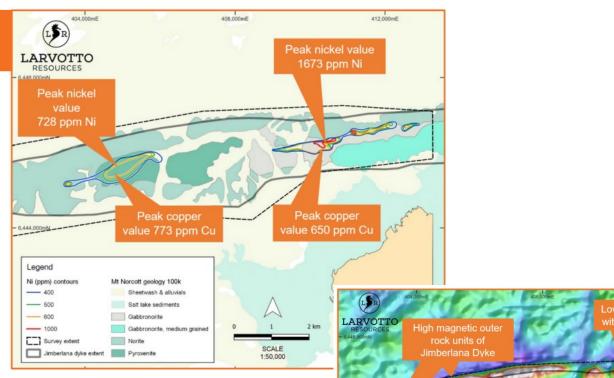
TREO southern anomaly over thorium radiometrics

# Eyre – New Ni/Cu Anomaly Identified

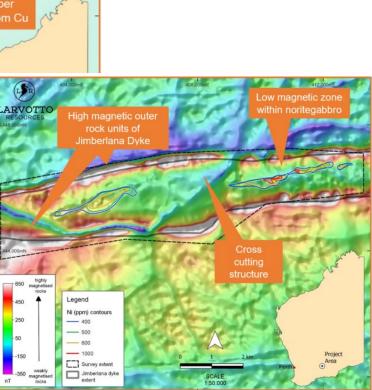


### **Extends anaomaly to 4km strike**

- New +2km long nickel and copper anomaly identified 3 km to the west of previous survey
- Existing nickel and copper anomaly extended to over 4km of strike
  - Peak values increased to 1,673ppm Ni and 773 ppm Cu
- Located over norite rocks within the Jimberlana Dyke – known to host base metal and PGE
- EM geophysics to test depth potential for sulphide mineralisation



Nickel contours over local geology



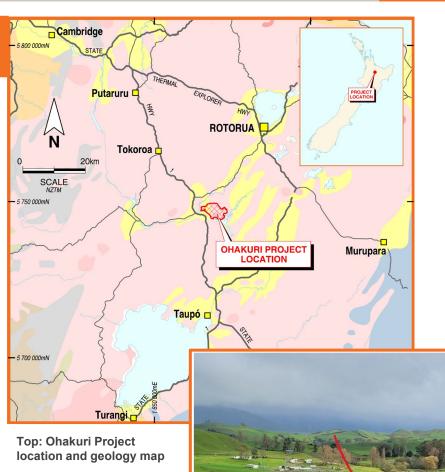
Nickel contours over regional airborne magnetics

# **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
- Geochemistry drilling program completed
- Follow-up geophysical survey has commenced to refine gold feeder zone targets
- Drilling to follow



Right: Central line of current IP Geophysics and open terrain of Ohakuri

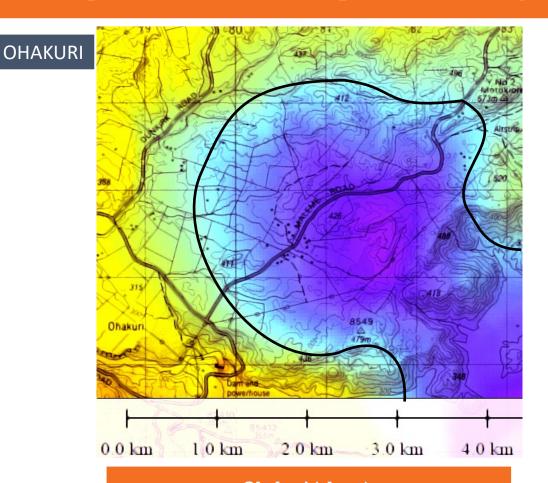


## **Aeromagnetic Signatures**



WAIHI

#### **Comparison with the Waihi Epithermal Gold System**



**Ohakuri (above):** The Ohakuri aeromagnetic-low anomaly – significantly larger in size compared to the Waihi anomaly.



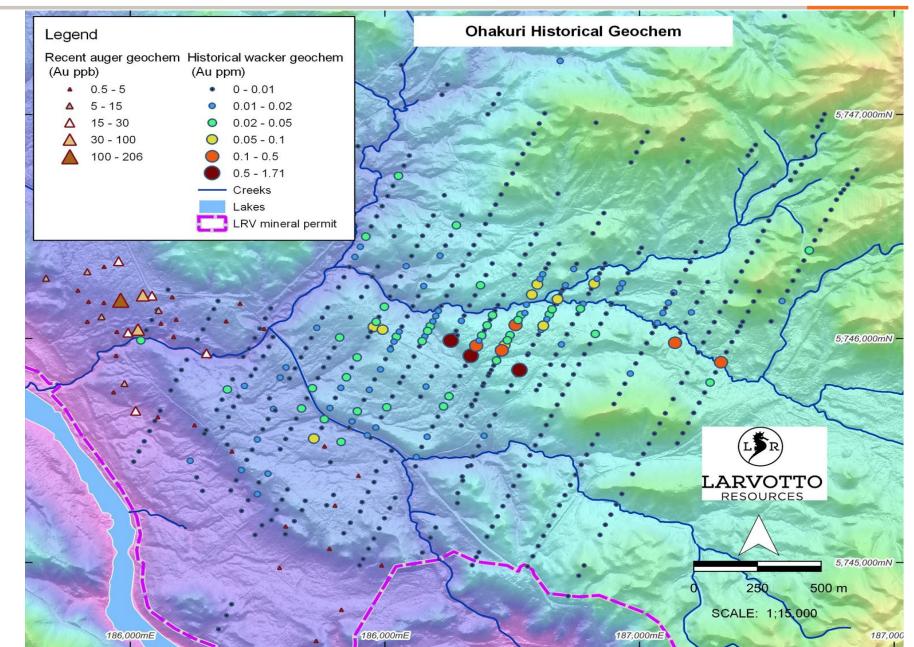
Martha & Favona Waihi (above): The Waihi aeromagnetic-low anomaly (delineated by white

anomaly (delineated by white line) is shown, with the Martha and Favona auriferous quartz vein systems superimposed (in dark maroon).

> Aeromagnetic RTP Images.(Approx. Same Scale)

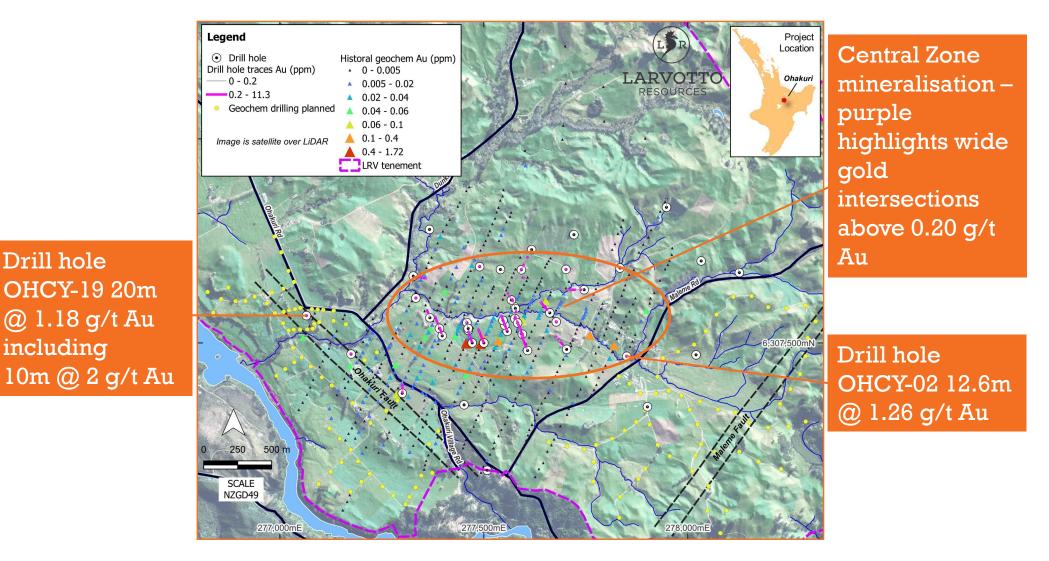
### Soil Geochemical anomalies





## Ohakuri – Recent Drill Program





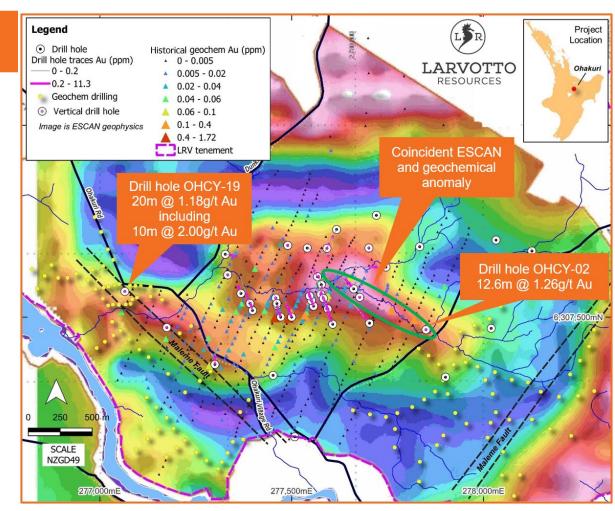
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# **Ohakuri Gold Project**



### **Phases of Exploration and Upside Potential**

- Identified by region airmagnetics
  - Intense mag low
  - (Waihi lookalike)
- Soil geochemistry (poor results)
  - Recent volcanic ash covers area
- Auger geochemistry
  - Large anomaly identified at Central
- 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
- CSAMT geophysics
  - High silica zone (feeder?) offset from drilling



ESCAN geophysics with geochemistry and drilling results to date

# Ohakuri - Geochemical Drilling



NNE

1000m

Shallow high resistivity

Possible silicification

High-grade Au target zone

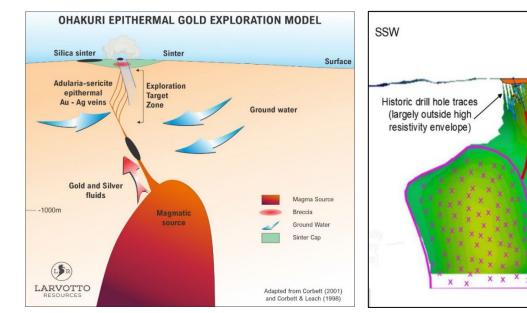
Deep high resistivity

Possible porphyry

(heat/ fluid source)

Geophysical modelling closely identify Ohakuri to be a classic epithermal gold system, LRV's targeted model

- Excellent geochemical drilling results extend potential of Central Zone gold mineralisation by 800m
  - Max gold value of 206ppb Au
- Epithermal gold textures observed in shallow drill cutting highlight likelihood of nearby gold system
- Results and geophysical modelling closely identify with Ohakuri being a classic epithermal gold system
- Geophysical survey underway to refine gold feeder targets prior to drilling



Ohakuri epithermal gold exploration model

Vertical slice through ESCAN geophysics with geological interpretation

Sinter

## **Investment highlights**



### **Tier 1 mining jurisdictions**

Australia and New Zealand – low sovereign risk domains

### Strong news flow

Exploration programs continuing throughout 2022-2023

### Funded for on going exploration across entire portfolio

\$5.4m recent funding through Placement and Canadian Cornerstone Investor

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

Drill-ready targets, new anomaly discovered 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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