



**Red River Resources (ASX:RVR)**

*The ASX's Next Zinc Producer*

## **Competent Person's Statement:**

### **Resources**

- The information in this report that relates to the estimation and reporting of the Far West, West 45, Orient and Waterloo Resources is based on and fairly represents, information and supporting documentation compiled by Mr Stuart Hutchin who is a Member of The Australasian Institute of Mining and Metallurgy, Member of the Australian Institute of Geoscientists and a full time employee of Mining One Consultants Pty Ltd. Mr Hutchin has sufficient experience 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'.

### **Exploration Targets and Exploration Results**

- The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr. Tav Bates who is a member of the Australasian Institute of Mining and Metallurgy, and a full time employee of Terra Search Pty. Ltd., and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr Bates consents to the inclusion in this report of the matters based on the information in the form and context in which it appears

## **Forward Looking Statement:**

- This presentation contains forward looking statements that are subject to risk factors associated with the mining and resources industry. It is believed that the expectations reflected in these statements are reasonable, but they may be affected by a range of variables which could cause actual results or trends to differ materially, including but not limited to: price fluctuations, actual demand, currency fluctuations, geotechnical factors, drilling and exploration results, gas commercialisation, development progress, operating results, engineering estimates, reserve estimates, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory developments, economic and financial markets conditions in various countries, approvals and cost estimates.

# Thalanga Zinc Project – Highlights



**Low Capex**



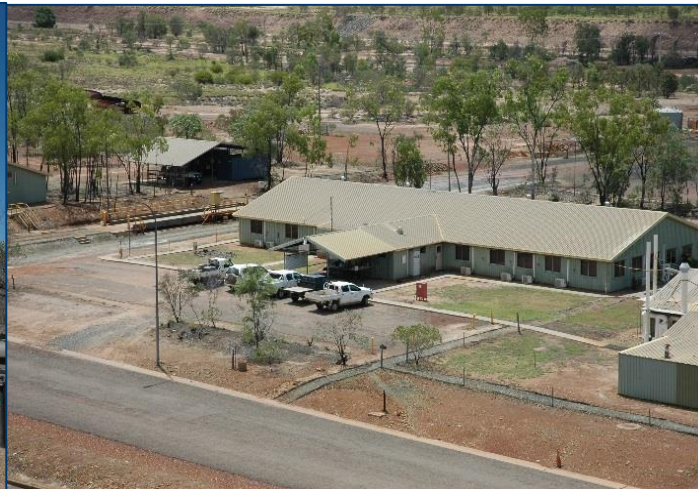
**Infrastructure  
Advantage**



**Exploration Upside**



**Strong Board &  
Management**



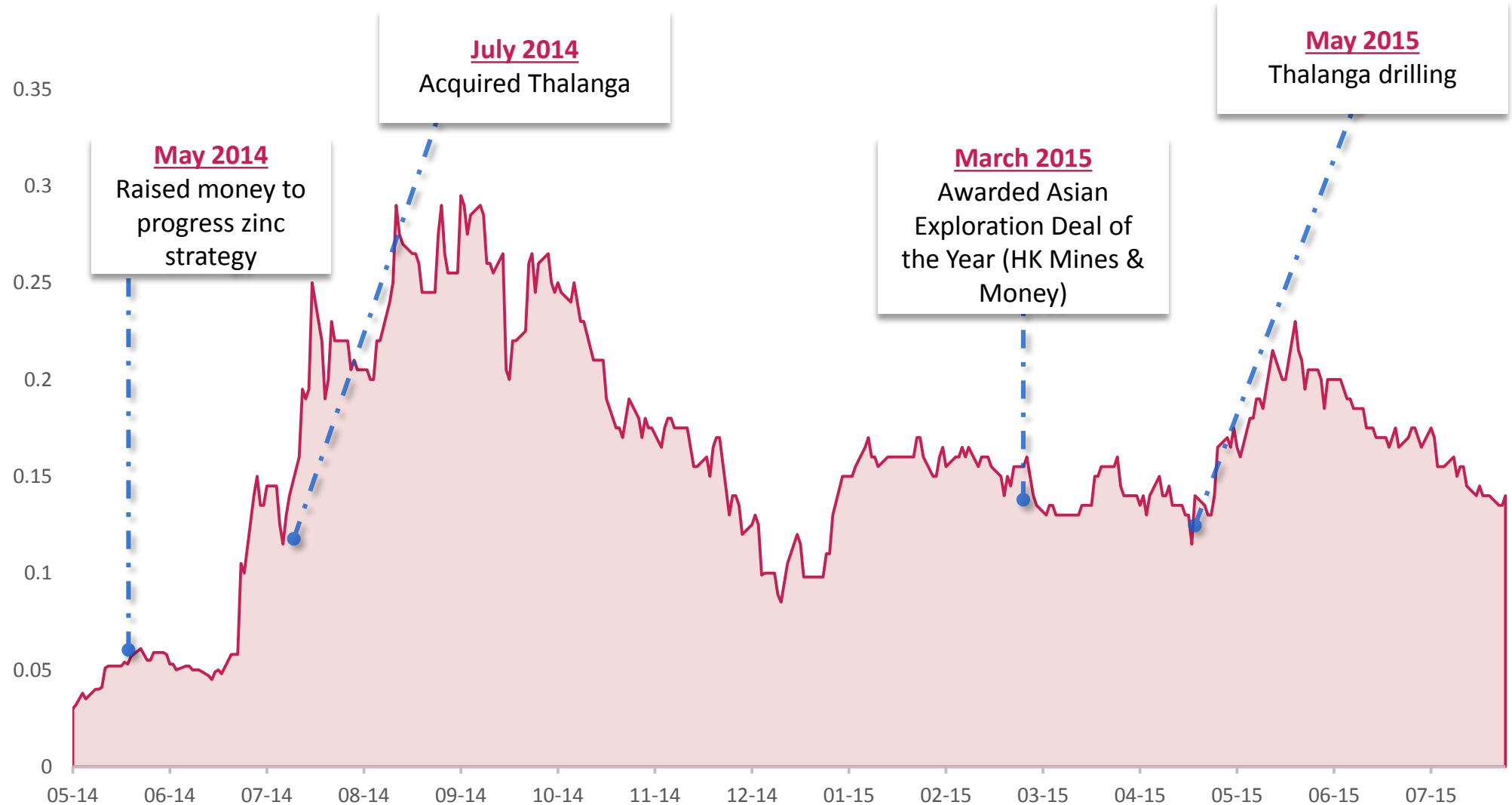
## Trading Information

Ticker		RVR
Current Share Price	A\$	A\$0.155
Shares on Issue	#	177.8 million
Options on Issue <sup>1</sup>	#	22.5 million
Market Capitalisation	A\$	\$27.6 million
Cash <sup>2</sup>	A\$	\$1.7 million
Debt	A\$	Nil
Enterprise Value	A\$	\$24.8 million

**1. 22.5 million options on issue with a volume weighted average exercise price of 12.8cps**

**2. Cash balance as at 30 June 2015**

# Key Milestones – Past 12 Months



# Thalanga Project Location



- 200km by sealed road to Townsville
- Charters Towers ~10,000 population

# Thalanga Mill – Current capacity of ~600ktpa



# Australia's next zinc producer

## Infrastructure

- ~600ktpa polymetallic mill on active care & maintenance
- Fully functioning mine site
- Energised grid power connection
- 5yr capacity in permitted tailings storage facility

## Logistical Advantage

- All weather sealed road access
- Residential workforce from Charters Towers
- 200km to Australia's #1 base metal concentrate export port
- 190km by sealed to road to Sun Metals zinc smelter

## Resource Base

- High grade resource base - JORC 2012 compliant
- West 45, Far West, Orient, Liontown and Waterloo deposits
- 5Mt @ 12.4% Zn equivalent
- Significant potential to increase resources

## Exploration Upside

- Controlling land position in highly prospective belt (400km<sup>2</sup>+)
- Multiple targets for high impact exploration
- New technology unlocks previously unexplored ground



## Work Stream

- Mine designs & schedules completed by Mining One
- Thalanga Mill refurbishment & restart completed by Mincore
- Permitting – in place

## Capex & Opex

- Low project capital cost – all major items already in place
- Highly competitive C1 and all in (C3) cash cost

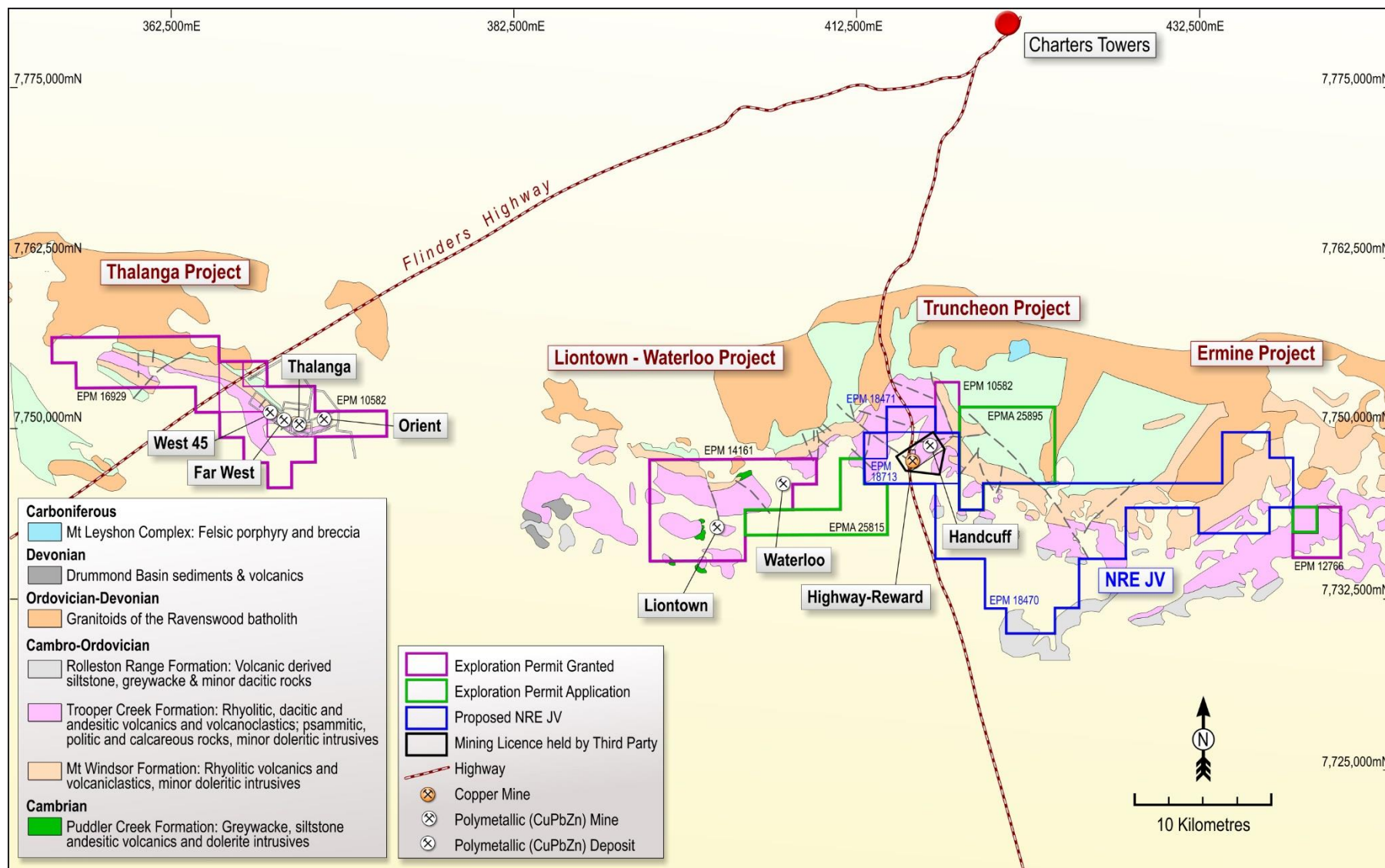
## Project Parameters

- Initial 5 year mine life - sequential development of West 45, Far West and Waterloo deposits
- Conventional UG mechanised mines – contractor mining
- Throughput of 300 - 400ktpa

## Concentrate

- Produce separate copper, lead and zinc concentrates
- Concentrates clean and highly attractive to market
- Engaged with multiple parties as regards offtake agreements

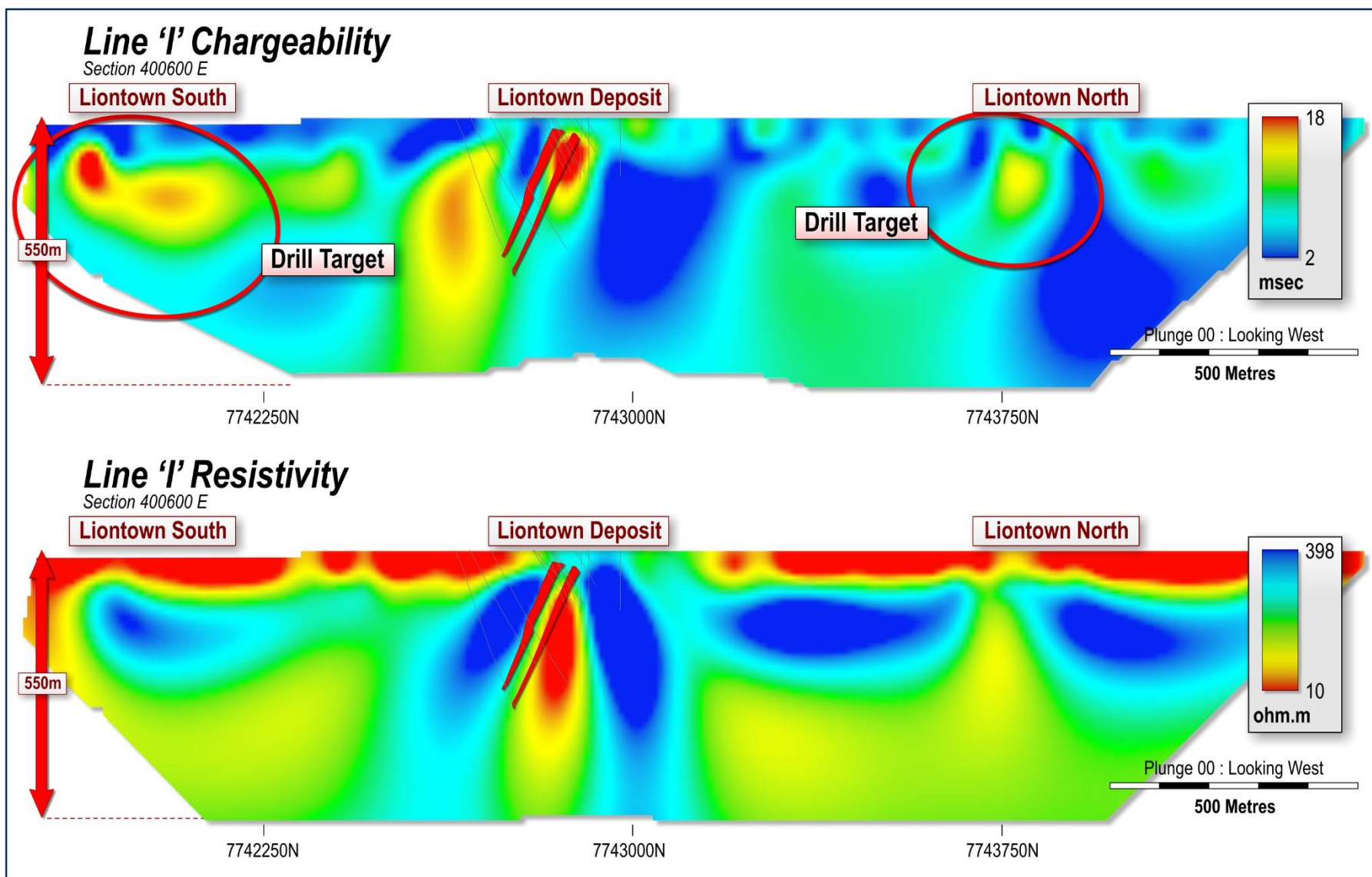
# Controlling position in highly prospective Belt



# Thalanga Zinc Project – JORC 2012 Resource Base

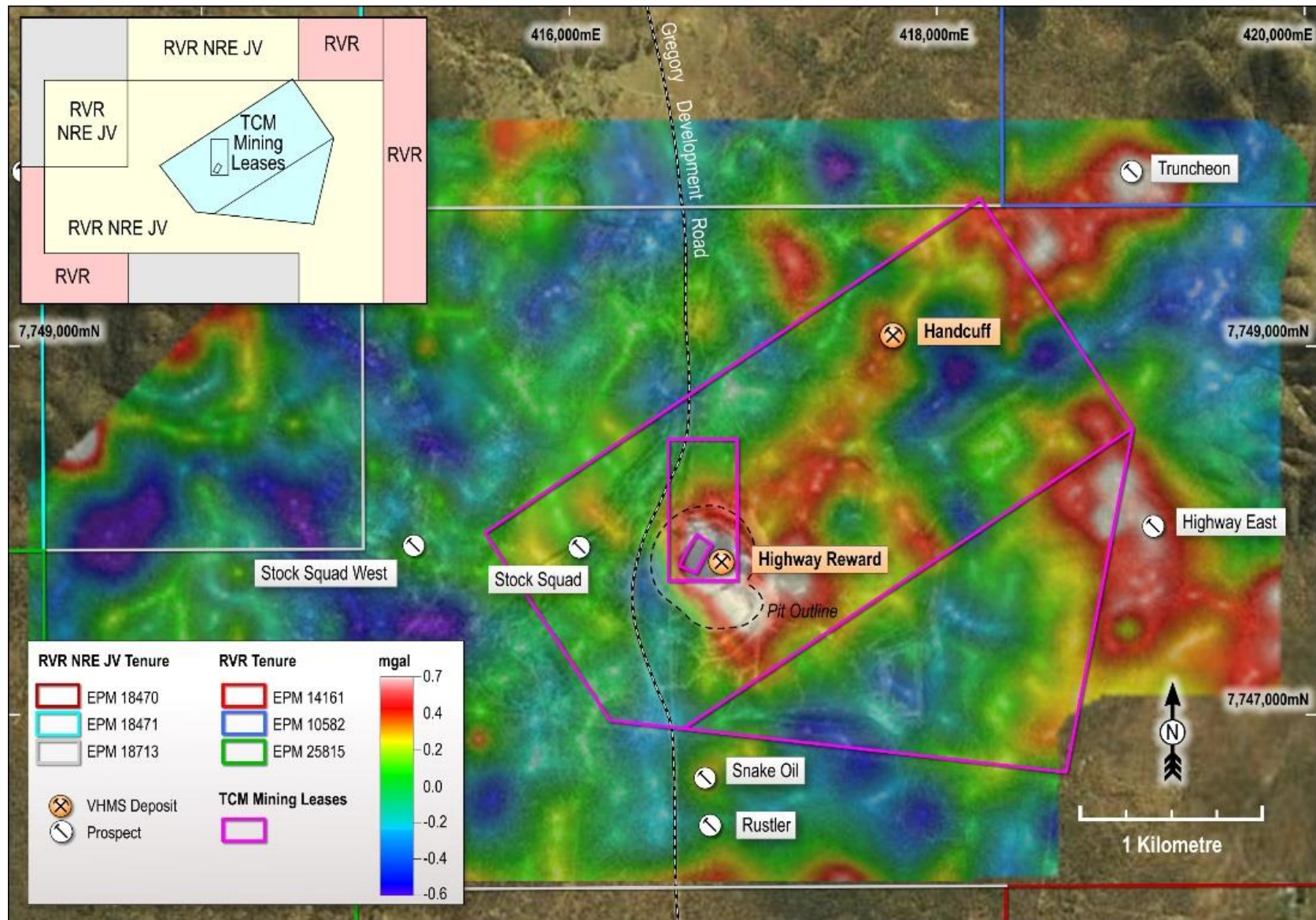
Project	Tonnage (kt)	Cu (%)	Pb (%)	Zn (%)	Au (g/t)	Ag (g/t)	Zn Eq. (%)
West 45	591	0.6	3.5	8.3	0.3	69	15.2
Far West	1,158	1.7	1.9	5.8	0.2	49	14.4
Orient	540	0.9	1.8	7.9	0.2	44	13.6
Waterloo	707	1.9	1.6	11.0	1.0	48	17.8
Liontown	2,038	0.5	1.6	4.6	0.8	25	8.4
<b>Thalanga Project</b>	<b>5,034</b>	<b>1.0</b>	<b>1.9</b>	<b>6.6</b>	<b>0.6</b>	<b>41</b>	<b>12.4</b>

# New Technology is Game-Changing



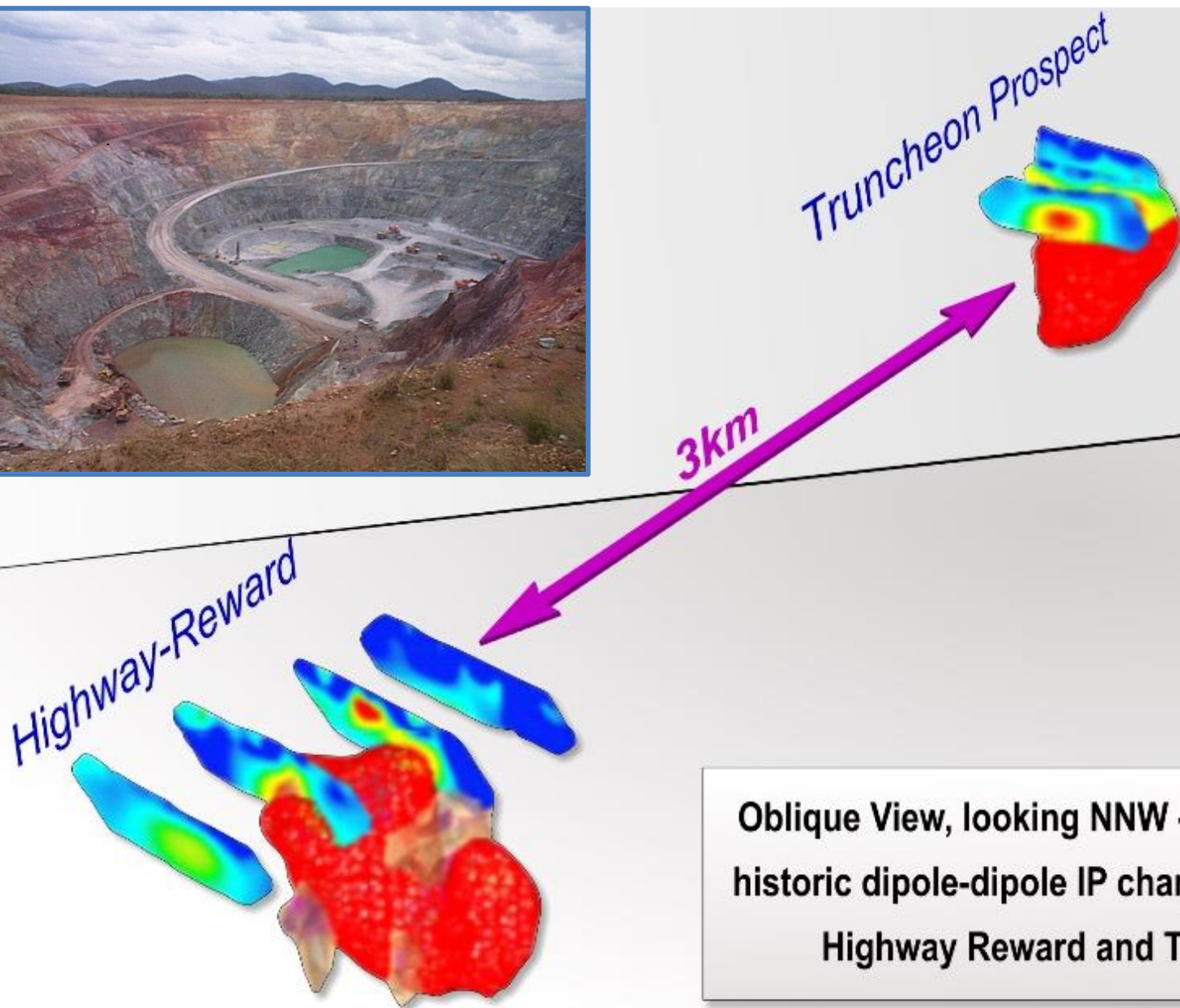
Source: RVR ASX Announcement "Multiple new drilling targets identified from Stage 1 IP Survey results at Liontown-Waterloo" dated 6 February 2015

# Looking for the next major orebody in the Belt

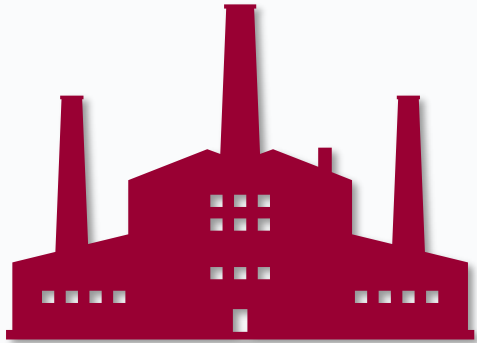


Highway Reward 3.8Mt @ 6.2% Cu & 1 g/t Au (1998-2005). Treated through Thalanga Mill

# Looking for the next major orebody in the Belt



Oblique View, looking NNW - 3D Gravity Inversion and  
historic dipole-dipole IP chargeability pseudo-sections  
Highway Reward and Truncheon anomalies



**Near Term  
Production**



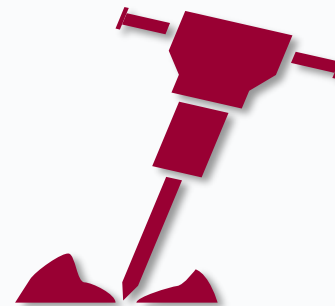
**Infrastructure  
Advantage**



**Low Cost  
Re-Start**



**Experienced Management  
& Board of Directors**



**Exploration Upside**

# Contact Details



## **Red River Resources Limited**

Level 6, 350 Collins Street  
Melbourne VIC 3000

### **Mel Palancian**

Managing Director

[mpalancian@redriverresources.com.au](mailto:mpalancian@redriverresources.com.au)

D: +61 3 9095 7775