



EXPLORING FOR

# A SUSTAINABLE FUTURE



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Release authorised by Todd River Resources Managing Director, Will Dix.

## Competent Person's Statement

The information in this announcement that relates to exploration results is extracted from ASX Announcements titled:

- "Maiden Mineral Resource Estimate at Mt Hardy" lodged on 10 July 2019
- "Nerramyne Project Update" Lodged on 13 July 2021
- "New geochemical Anomalies Identified at Berkshire Valley" lodged on 31 August 2021
- "Exploration Update – Berkshire Valley Project" – Revised Lodged on 14 February 2022
- "Nerramyne SkyTEM Underway and Berkshire Valley Update" – lodged on March 14 2022
- "Airborne TEM Survey Identifies Bedrock Conductors at Nerramyne" – lodged on April 19 2022
- "Progress Update for the Nerramyne Cu-PGE Project" – lodged on June 13 2022
- "RC Drilling Commences at the Nerramyne Project" – lodged on July 11 2022
- "EM and RC drilling Update – Nerramyne Project" - lodged on September 6 2022

These announcements may be viewed at [www.trrltd.com.au](http://www.trrltd.com.au) and [www.asx.com.au](http://www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

The information in this announcement that relates to the estimation and reporting of the Hendrix Resource is extracted from the ASX announcement titled "Maiden Mineral Resource Estimate at Mt Hardy" lodged on 10 July 2019 which is available to view at [www.trrltd.com.au](http://www.trrltd.com.au) and [www.asx.com.au](http://www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in this presentation. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

# Corporate Overview

## CAPITAL STRUCTURE



**572M**

Shares on Issue



**86M**

Options on Issue  
(70m at 6c)



**2.5 cps**

Share price  
(7 October 2022)



**\$15.0m**

Market Capitalisation  
(fully diluted)



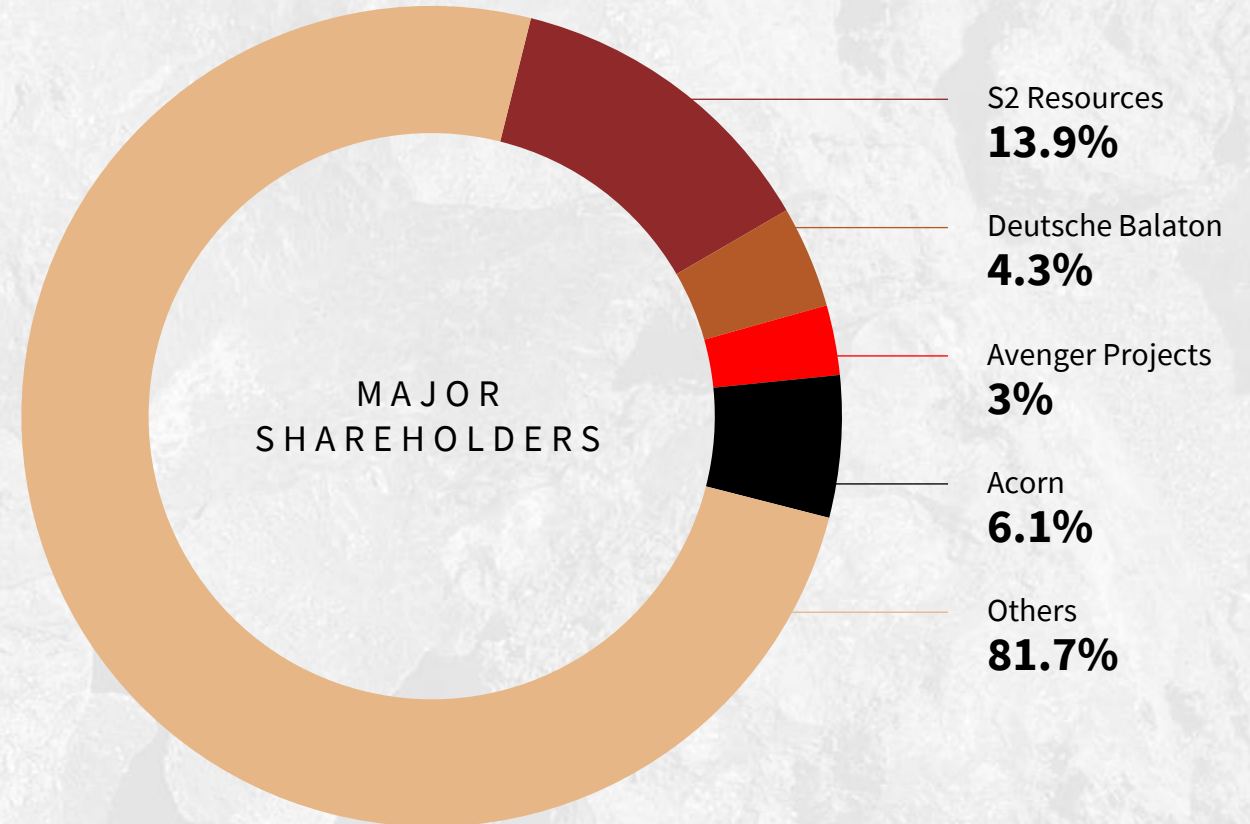
**\$4.6m**

Cash at June 2022



**\$11.4m**

Enterprise Value



# Investment Highlights



Key assets include five  
**100% owned  
projects**



WA Projects  
underpin aggressive  
**Ni-Cu-PGE  
exploration  
strategy**



Experienced  
exploration Board  
**Led by Will Dix  
and Stu Crow**



Strong share register  
with the Top 20  
**owning  
approximately 58%**



Strong cash  
position of  
**\$4.6m at  
June 2022**

# Experienced

## Hands-on Team



**Edward Fry**

**Non-Executive Chairman**

Edward has extensive experience within the Australian resource sector and is a specialist in Indigenous and Native Title issues. He holds a Diploma in Business Management from the University of South Australia and is a graduate of the International Lead and Zinc Study Group conducted out of Belgium on international base metal global supply and demand trade



**Will Dix**

**Managing Director**

Will is a geologist with 25 years' experience in base metal, gold and uranium exploration and mining. He has a proven track record of successful project and team management and also has extensive experience in commercial activities including capital raisings, mergers, acquisitions and divestments



**Stuart Crow**

**Non-Executive Director**

Stuart has more than 35 years' experience in all aspects of corporate finance, stockbroking and investor relations in Australia and international markets and has owned and operated his own businesses in these areas. Stu is currently Executive Chairman of Lake Resources (ASX:LKE)



**Su-Mei Sain**

**Finance Director**

Su-Mei has been in the mining resources industry for over 15 years in various finance positions at companies such as Consolidated Minerals, Sirius Resources and S2 Resources. She joined Todd River Resources as CFO in February 2019. She is a member of the Certified Practising Accountants Australia

CURRENT PROJECTS

# Targeted Nickel- Copper-PGE Exploration throughout WA and NT



# Key Asset Overview

## BERKSHIRE VALLEY

(100% TRT)

Highly prospective **Ni-Cu-PGE** tenure 100km north of Julimar discovery (ASX:CHN)

**Drilling has confirmed widespread Cu and PGE anomalism associated with mafic intrusions**

New areas becoming available with additional intrusions to be tested across the project

Ongoing land access discussions with farmers

## NERRAMYNE

(100% TRT)

Early stage large **COPPER** anomaly on the Yilgarn Basin margin

40km x 6km copper anomaly

FLTEM has confirmed robust bedrock conductor at Trix – **to be drilled September 2022**

Drilling of low level surface geochemical anomaly has highlighted strong PGE anomalism in reconnaissance drilling at Chandler – **follow up September-October 2022**

## PINGRUP

(100% TRT)

Prospective for Ni-Cu-PGE mineralisation

**Limited previous work over confirmed mafic stratigraphy**

**Land access discussions on track for late Q4 2022 start**

## MT HARDY

(100% TRT)

**Hendrix inferred resource of 2.6Mt @ 10.5% Zn eq\***

Resource open at depth and to the south

New work has highlighted multiple additional targets for follow up- several with pre-existing base metal intersections

## BANGEMALL

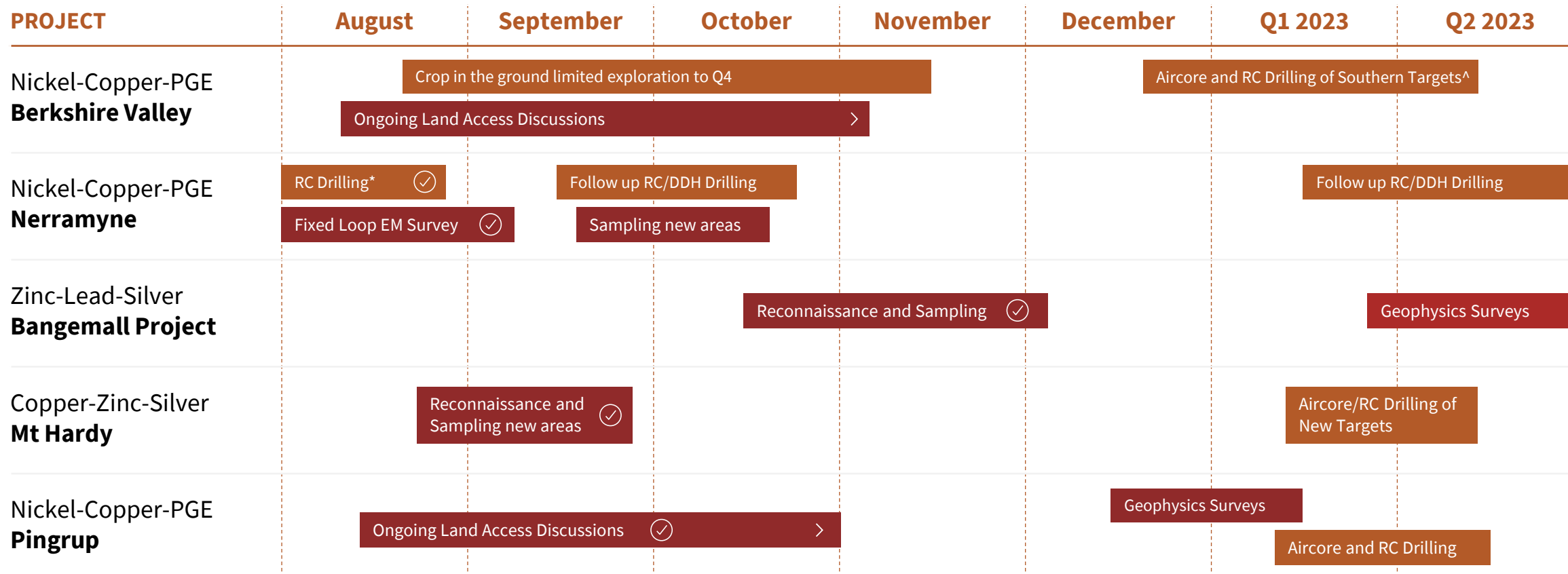
(100% TRT)

6 Recently granted tenements: early stage **Zn/Pb/Ag** projects analogous to Rumble Resources Earaheedy Basin Project

Initial surface sampling at Ashton Hills **Q3 2022**



# Upcoming Activity Timeline



\*Initial drilling at Nerramyne to be part-funded by successful EIS drilling application for 2022 ^Subject to Land Access Agreement

NERRAMYNE PROJECT

**Copper and  
PGE Project  
100% owned**



# Nerramyne Copper Project



## 462 square kilometres

covering large Cu anomaly on the contact between the Yilgarn Craton and Narryer Terrane



## 40 x 6 kilometre

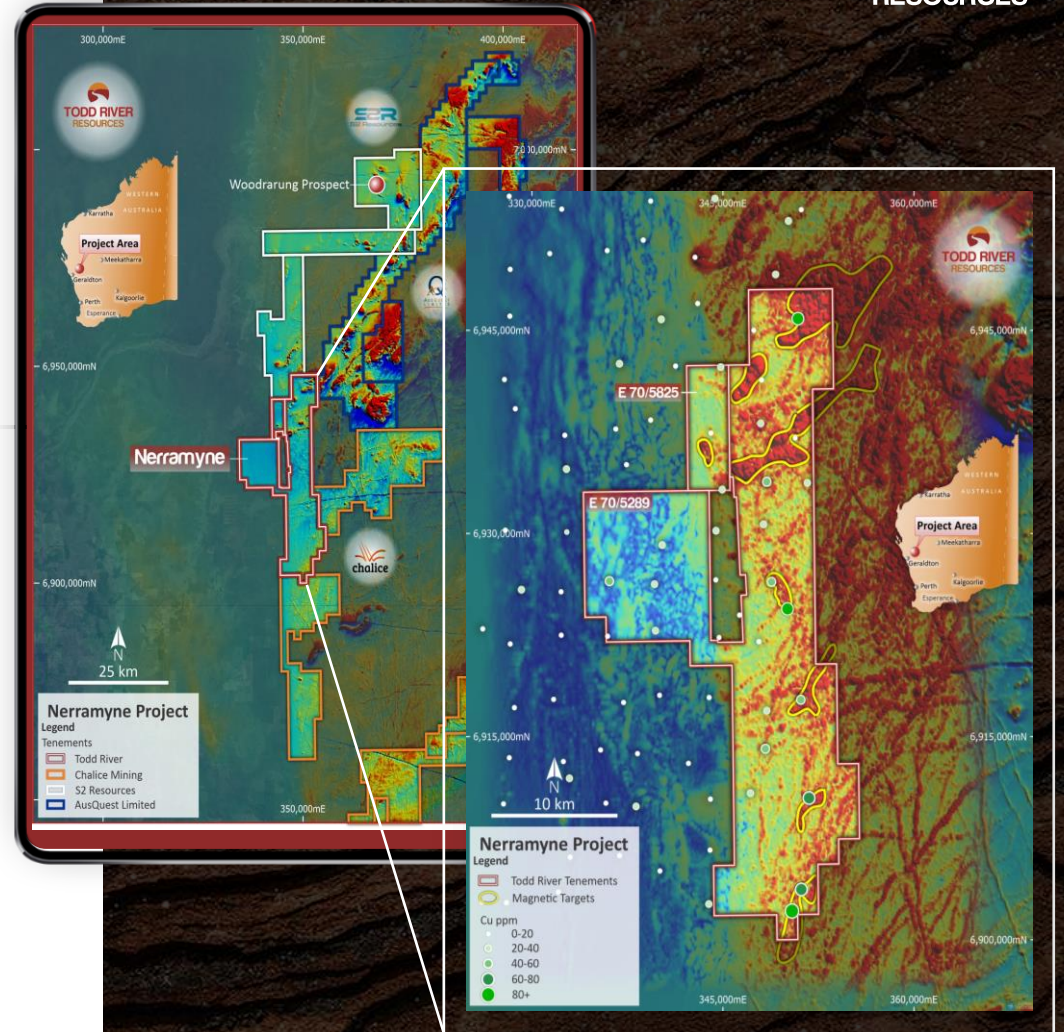
low level copper in soil geochemical anomaly identified in state geological survey (GSWA) regional data



## Previous exploration is limited

solely to one small surface geochemical sampling program in the northern part of the granted tenement

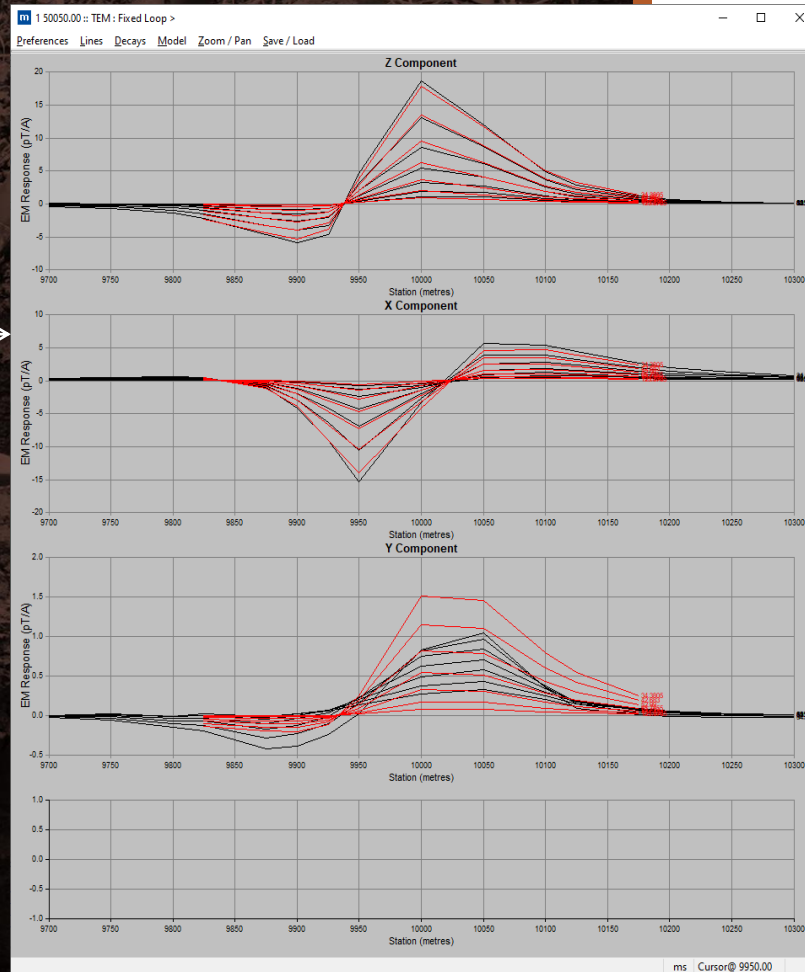
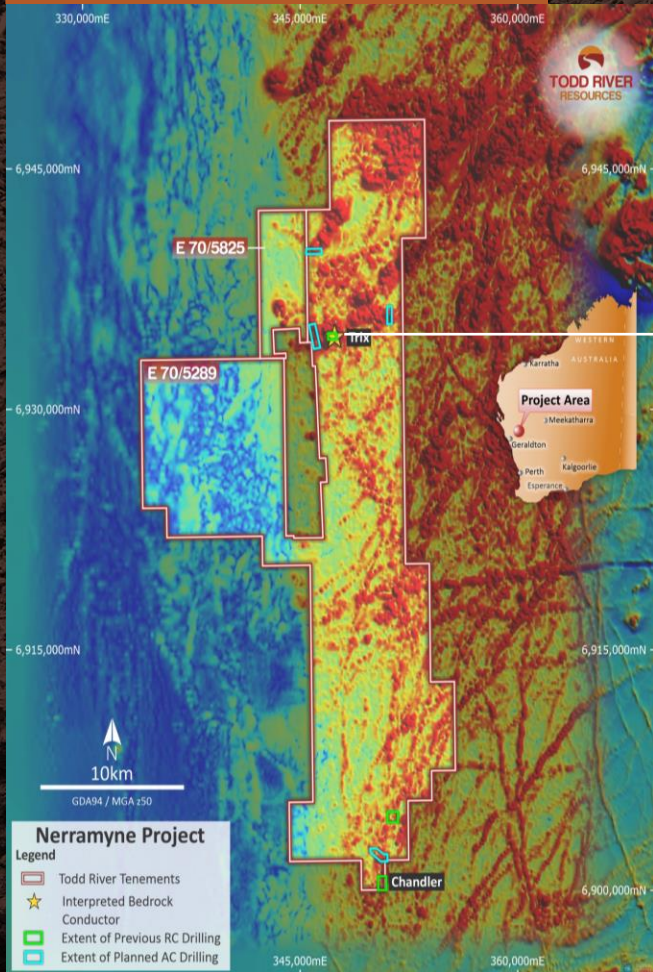
Surrounded by well known, **active explorers**



# Nerramyne Copper Project



## > TRIX



### Airborne EM survey

and follow up FLTEM has identified a strong bedrock conductor at Trix, with strong profiles recorded on 2 lines



### 100m x 100m and a conductance of 3,000 Siemens

the conductor has a size of approximately



### Surface material was unsuitable

for geochemistry so several holes drilled prior to FLTEM which did NOT test the conductor

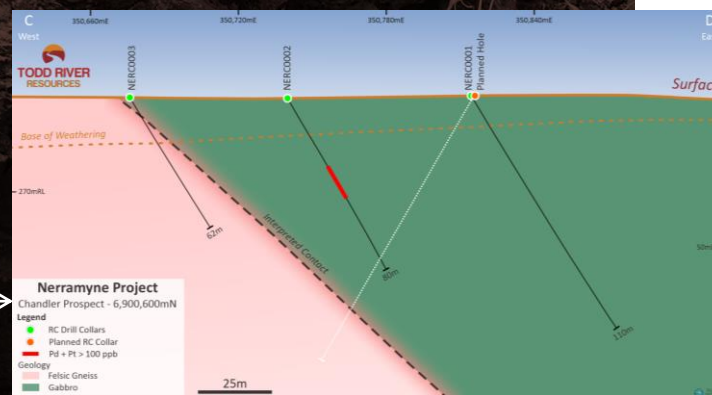
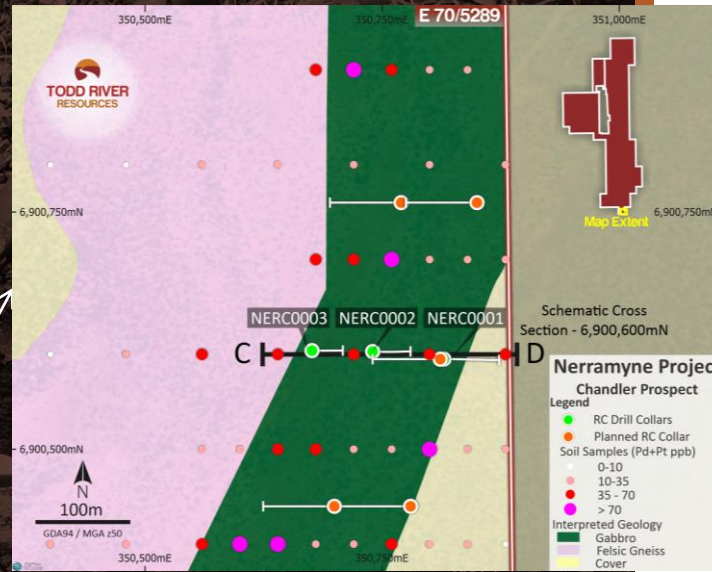
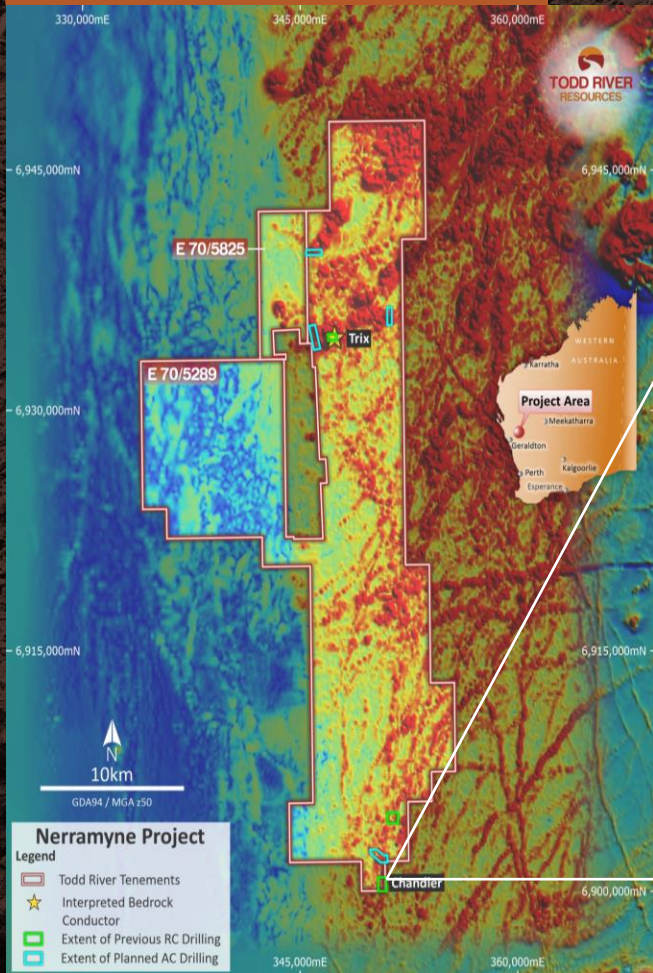


### Drilling of the conductor will form part of the September drilling program

# Nerramyne Copper Project



## > CHANDLER



### Surface geochemistry

identified elevated PGE's at the Chandler Prospect



### Follow up drilling at Chandler

will be completed during the September-October RC drilling program



### Initial reconnaissance

drilling has identified a strongly anomalous intersection of 18m @ 121ppb PGE's with no other drilling to the north



### Regional aircore drilling program

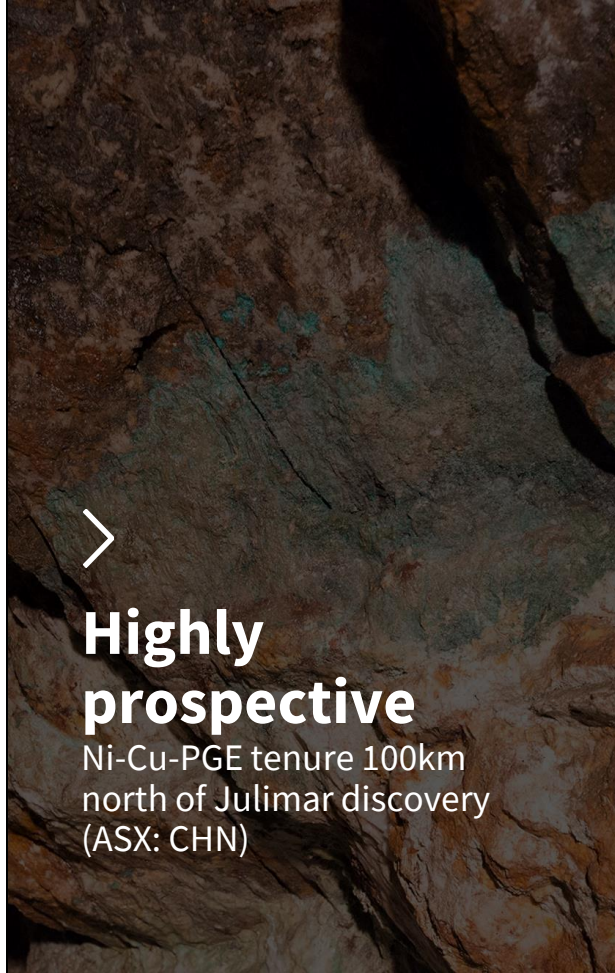
will traverse a number of mafic-ultramafic intrusions

BERKSHIRE VALLEY PROJECT

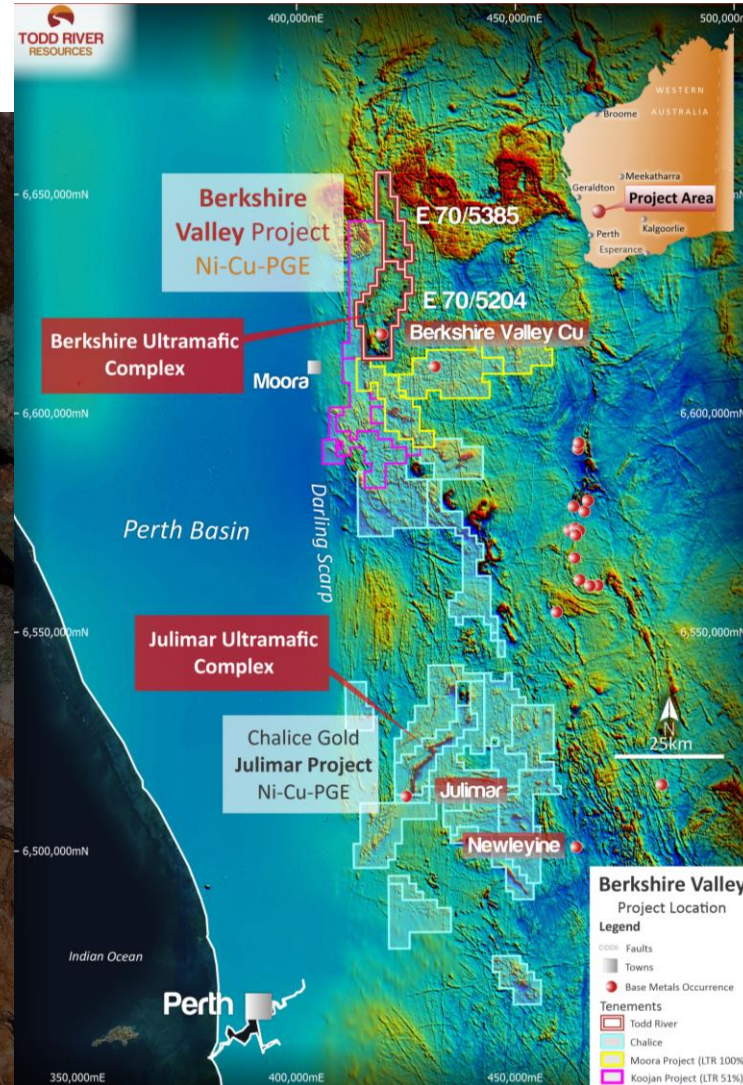
**Nickel, Copper  
and PGE Project  
100% owned**



# Project Overview



>  
**Highly prospective**  
Ni-Cu-PGE tenure 100km  
north of Julimar discovery  
(ASX: CHN)



## Aircore and RC drilling shows sulphides

occur within intrusions tested so far with broad Cu and PGE anomalism



## Multiple drill targets

identified on both the Western and Eastern Trends

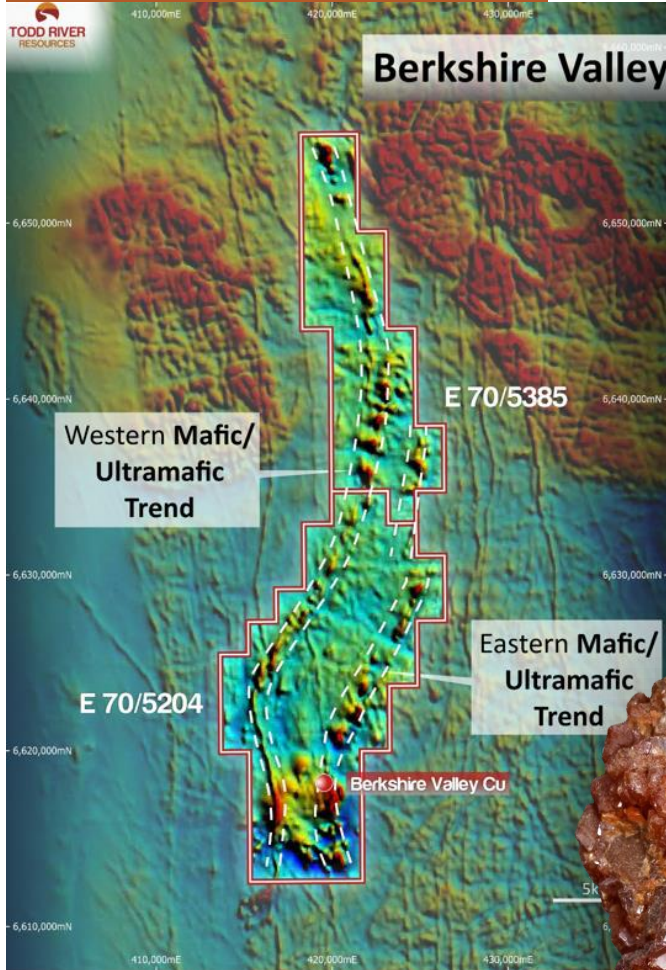


## Further work including detailed sampling

of additional intrusions and drilling planned for summer 2022/23

# Berkshire Valley Exploration

## > DRILLING



> **Priority exploration area for the Company**



**Significant aircore and RC drilling programs completed** during early 2022 covering both Western and Eastern Trends



**Anomalous Ni, Cu and PGE's widespread through both trends**



**Key area to explore** in the south of the project - large intrusion adjacent to known historic Cu occurrence - require land access agreement - work in progress



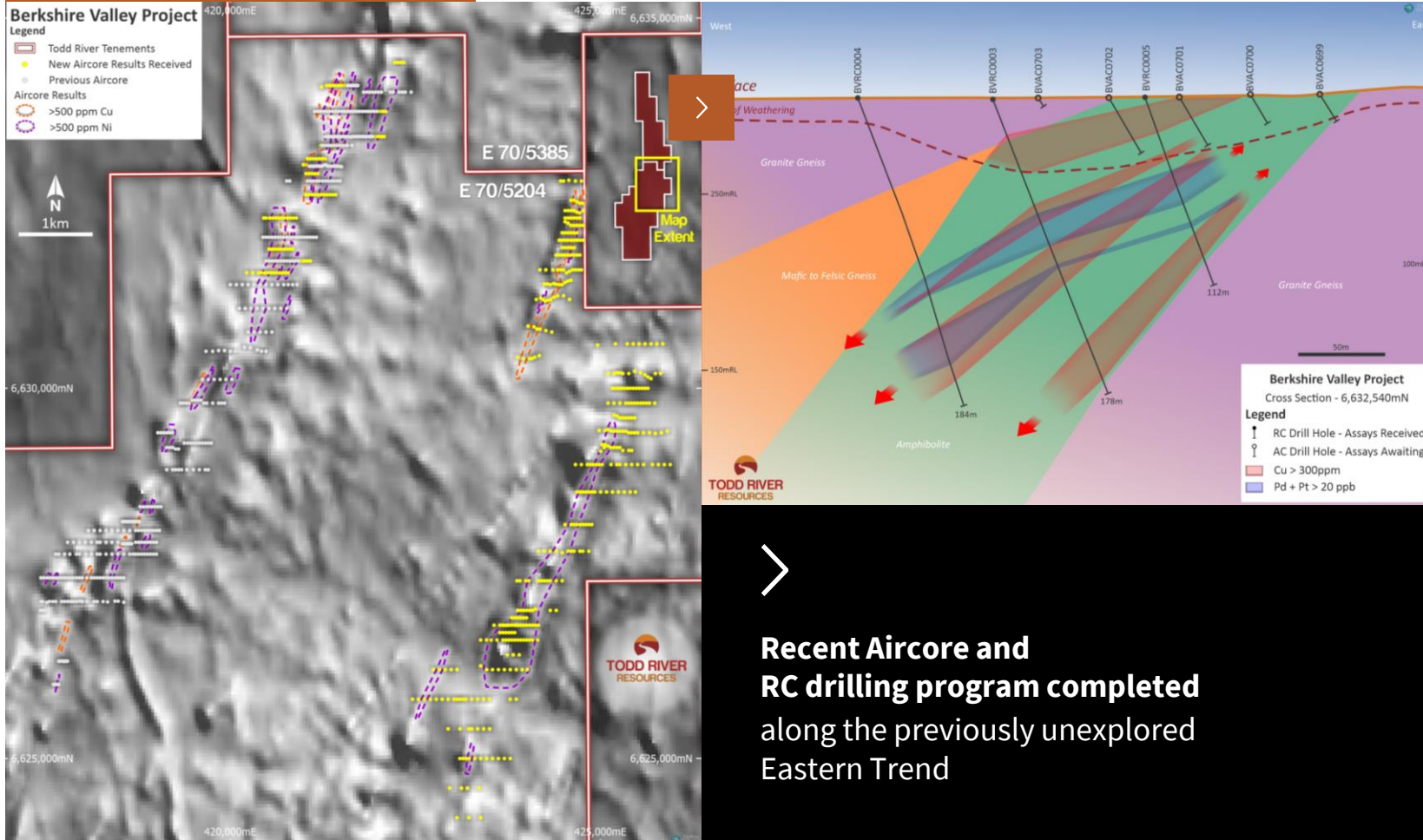
**Further work includes additional drilling** once new areas are available



**Deeper drilling** following up the best areas of anomalism

# Berkshire Valley Exploration

## > DRILLING



> **Recent Aircore and RC drilling program completed** along the previously unexplored Eastern Trend



**Sulphides identified in multiple holes on multiple lines with RC drilling results received**

confirming broad intervals of low-level mineralisation



**Anomalous zones remain open down dip in drilling,** where the base of the intrusive amphibolite unit has not been tested

OTHER PROJECTS

# Pingrup | Mt Hardy



# Pingrup Project

Single granted Exploration Licence  
**(240 square kilometres) between Lake Grace  
and Pingrup in the south west Yilgarn**



Prospective for  
**intrusion related  
Ni-Cu-PGE mineralisation**



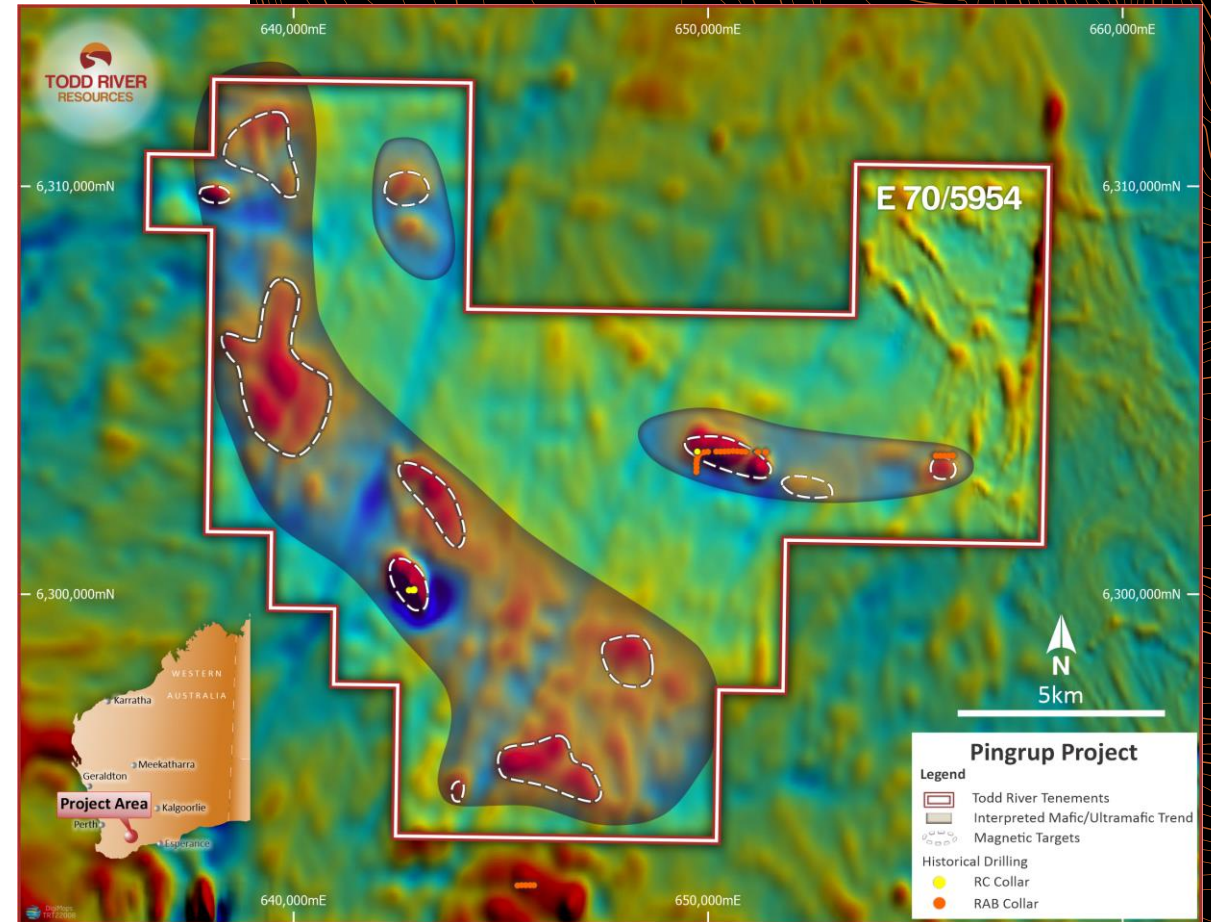
**Previous work  
(Magnetic Resources 2011)**  
targeted iron ore in interpreted  
banded iron formation –  
drilling showed the three  
magnetic highs tested to be  
mafic-ultramafic intrusions



**12 interpreted intrusions**  
to focus geophysics  
and drilling



**Land access  
discussions underway**  
Several executed agreements –  
field work will commence in  
following the 2022 grain  
harvest (January 2023)



# Hendrix and Regional Exploration



2019 Mineral Resource Estimate at Hendrix  
**2.6Mt @ 10.5% Zn Equivalent\***  
**open to the south and at depth**



**Drilling in**  
Q1/Q2 2023



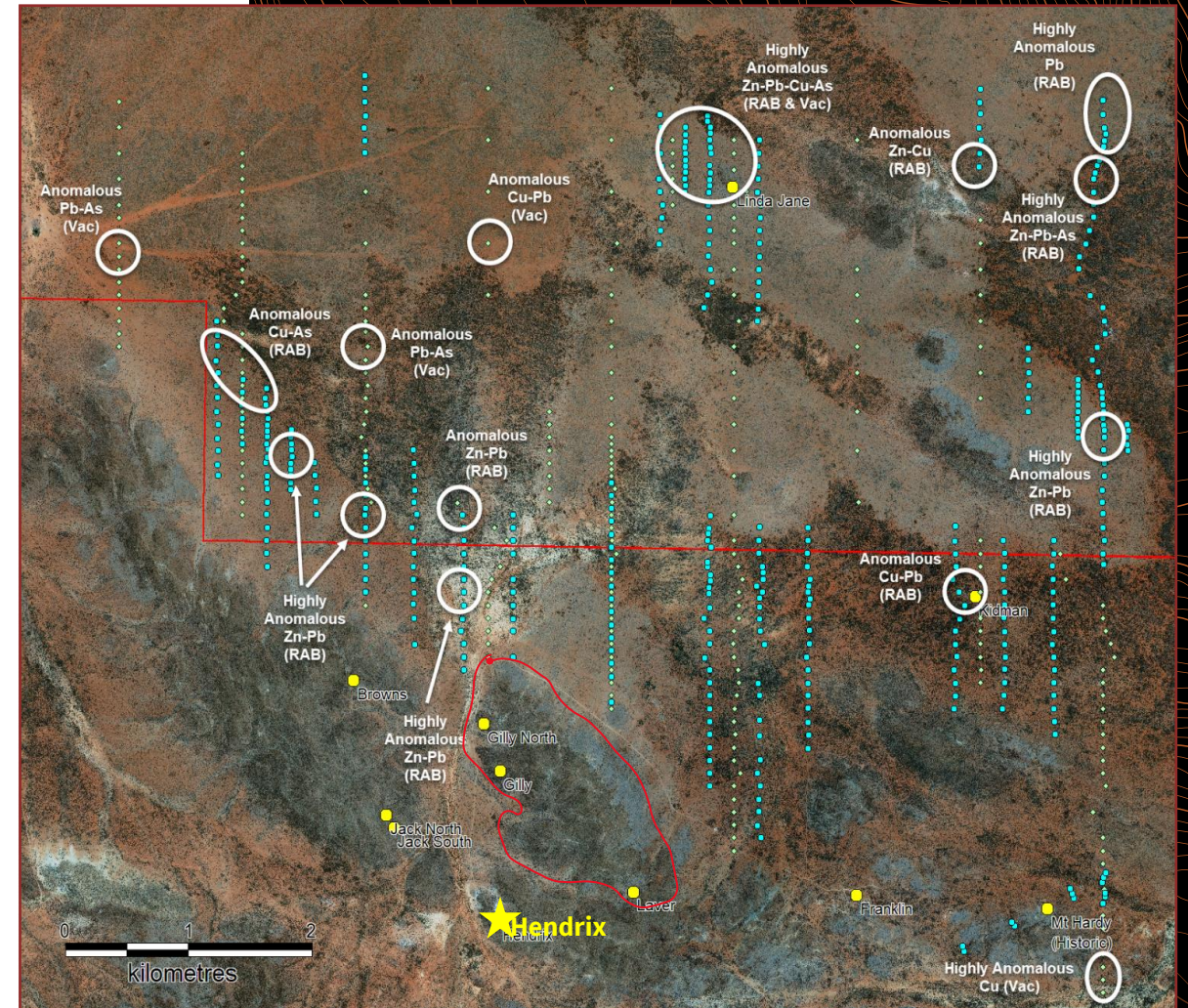
**Multiple regional targets successfully tested**  
with first pass RC drilling in late 2019 included hits of 7m @ 7% Zn at Gilly then COVID



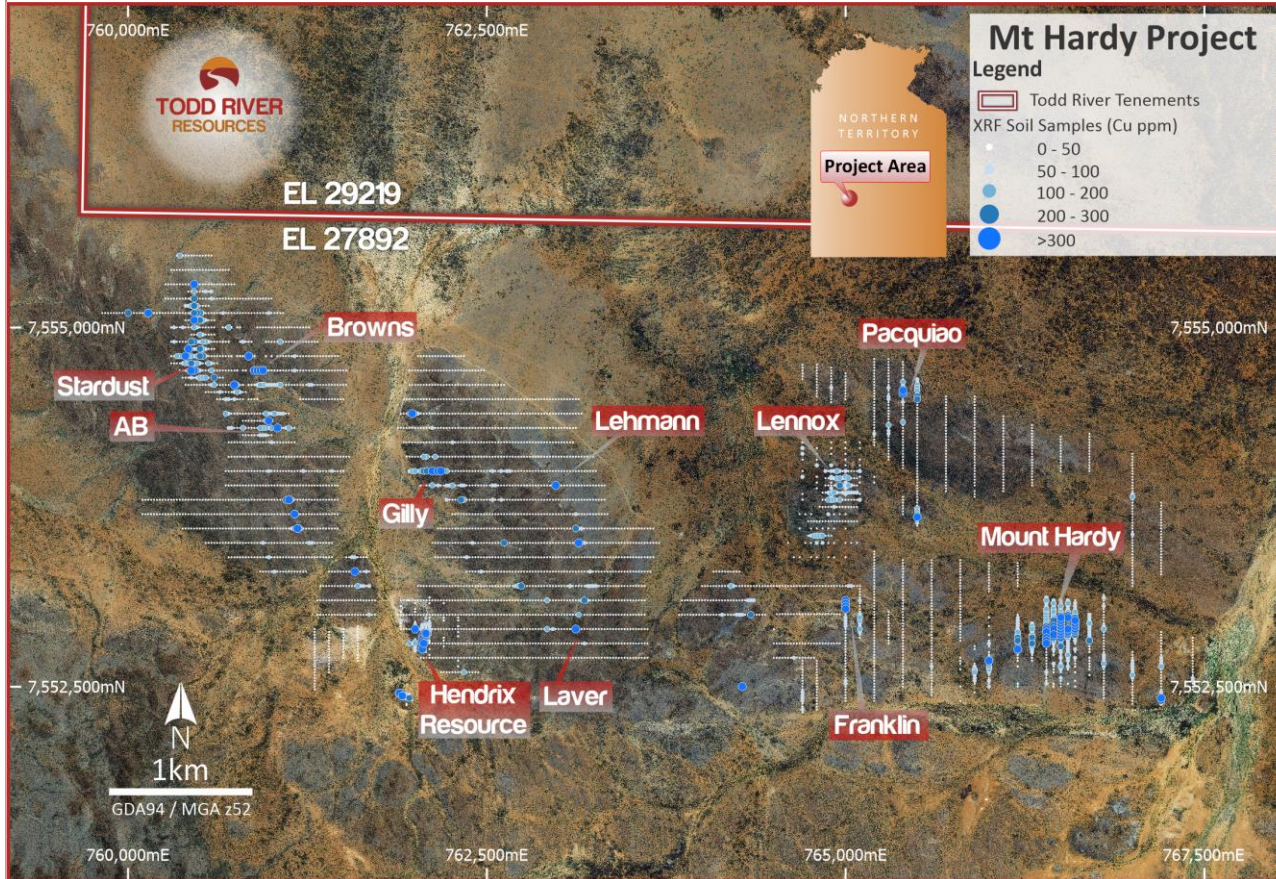
**Significant 2022**  
work programs recently completed



**Strong base metal geochemical anomaly**  
over 1.2Km<sup>2</sup> NE of Hendrix (unrelated to Hendrix) and northern tenement unexplored for base metals



# Hendrix and Regional Exploration



## > Recently Completed Programs



**Widespread pXRF soils**  
 (~4,000 samples) identified 6 new Zn-Cu-Pb gossanous lodges with no previous mapping/sampling/drilling – rockchip and stream assays pending



**Additional sampling**  
 expanded the Gilly and Laver mineralisation – more drilling required



**Detailed field inspection**  
 of some of new pXRF anomalies revealed outcrops of Zn Cu Pb oxide gossans which were mapped in detail and sampled (assays pending)

## > Next Steps



Once full assays are received, define & rank best targets for drilling



Shallow drilling through cover around main trends



Detailed drilling of prospective new targets (Q1/Q2 2023)

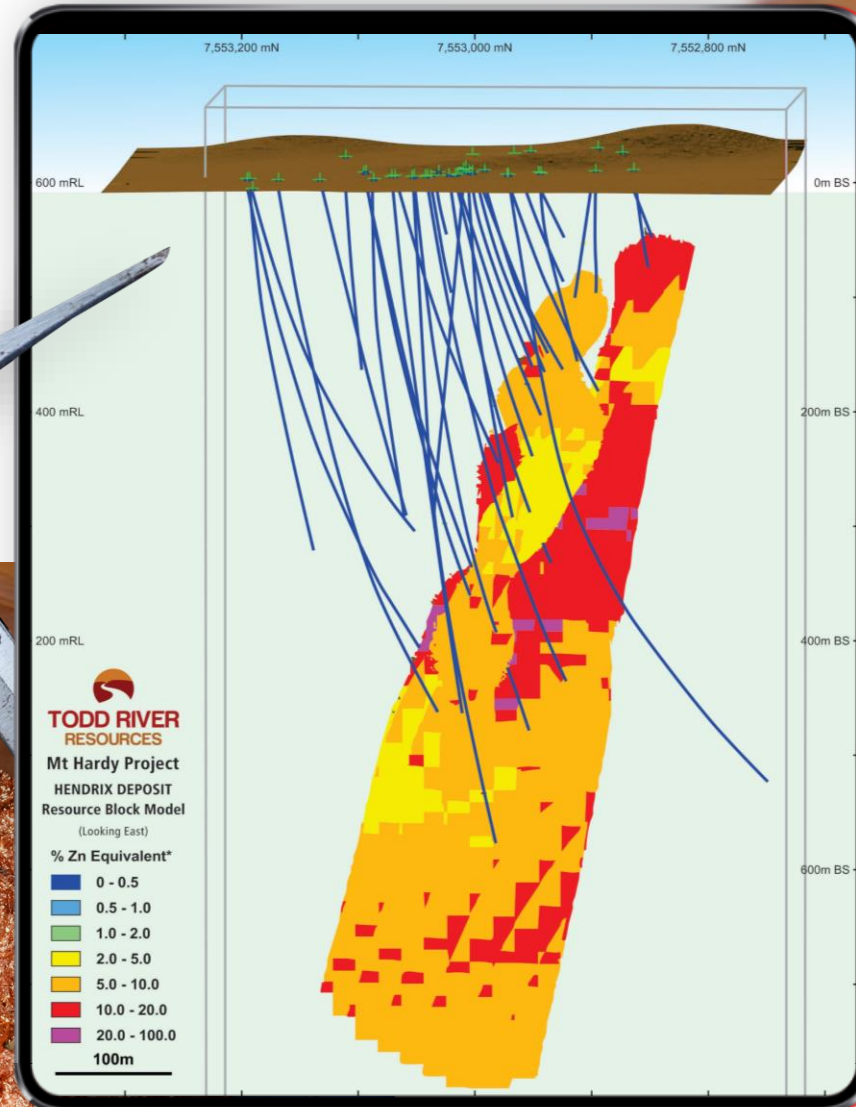
# Hendrix



2019 Mineral Resource Estimate at Hendrix  
**2.6Mt @ 10.5% Zn Equivalent\***



**Solid foundation for growth of mineral inventory at Hendrix, which is open at depth and to the south**



Mineral Resource contains approximately:  
**175,000 tonnes of zinc,**  
**22,500 tonnes of copper and**  
**40,000 tonnes of lead**



Large northern portion of the project **still relatively underexplored**

12-MONTH PRIORITIES



Considered  
Investment,  
Focused Projects



# Nine Month Outlook to June 2023

## BERKSHIRE VALLEY

(100% TRT)

First pass Eastern Trend aircore and RC drilling  
**Completed | strong anomalous Cu and PGE results**  
reviewing for deeper drilling opportunities

Additional land access discussions ongoing  
**Aiming to have new areas available**  
for field season December 2022- March 2023

## NERRAMYNE

(100% TRT)

RC drilling of priority Geochem targets –  
**Completed**

Fixed Loop follow up of SkyTEM conductors –  
**Completed**

Follow up RC/DDH targeted drilling  
**October 2022**

Regional Aircore drilling on new targets  
**October/November 2022**

## PINGRUP

(100% TRT)

Ongoing land access **discussion**

Geophysics and first pass drilling  
**post harvest - December 2022-March 2023**  
field season



## MT HARDY

(100% TRT)

Follow up geochemistry in the north of the project  
**New Targets Generated**

Detailed sampling of the Hendrix | Browns trend  
**Completed**

**Drilling new targets close to Hendrix and regional**  
targets in north of project  
**Q1/Q2 2023**

## BANGEMALL

(100% TRT)

Initial reconnaissance exploration  
**Q3 2022 - Completed**

Several tenements remain in application  
**Expecting grant late 2022**

# Investment Highlights



Key assets include five  
**100% owned  
projects**



WA Projects  
underpin aggressive  
**Ni-Cu-PGE  
exploration  
strategy**



Experienced  
exploration Board  
**Led by Will Dix  
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Strong share register  
with the Top 20  
**owning  
approximately 58%**



Strong cash  
position of  
**\$4.6m at  
June 2022**

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# WILL DIX

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**TODD RIVER  
RESOURCES**