

Part of the New Energy Solution

Presentation – 121 Conference
November 2021



**TODD RIVER
RESOURCES**

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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”
 - “Ni-Cu-PGE Anomalism Shows Prospectivity of Berkshire Valley” lodged on 13 July 2020
 - “Todd River Exercises Option over Nanutarra Nickel Project” lodged on 27 October 2020
 - “Berkshire Valley Initial Aircore Drilling Update” lodged on 15 June 2021
 - “Pingandy Base Metal Project Update” Lodged on 21 June 2021
 - “Extensive Ni-Cu-PGE Auger Anomalies at Berkshire Valley” lodged on 29 June 2021
 - “Nerramyne Project Update” Lodged on 13 July 2021
 - “New geochemical Anomalies Identified at Berkshire Valley” lodged on 31 August 2021
 - “Anomalous PGE's Identified in Nanutarra RC Drilling” lodged on 29 October 2021

These announcements may be viewed at www.trrltd.com.au and 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 and 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.

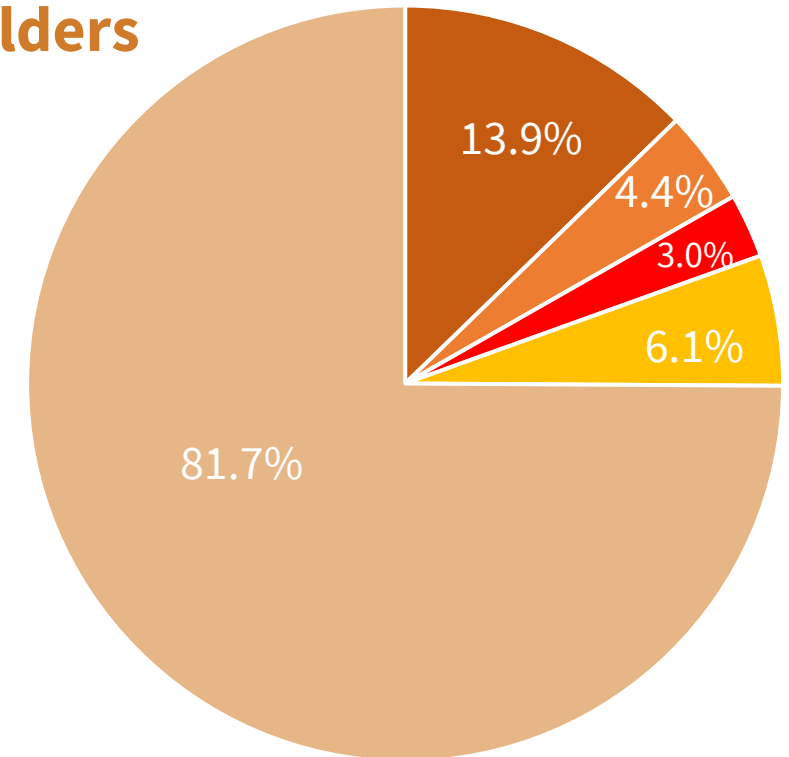
Corporate Overview

Capital Structure

	ASX Code	TRT
Shares on Issue		554m
Options on Issue (85m at 6c)		97.6m
Share price (1 November 2021)		7.5cps
Market Capitalisation (fully diluted)		\$46m
Cash at September 2021		\$6.05m
Enterprise Value		\$39.95m

Major Shareholders

- S2 Resources
- Deutsche Balaton
- Avenger Projects
- Acorn
- others



Investment Highlights



Key assets include five **100% owned projects** and earn-in rights to a sixth which provide exposure to **large, geologically robust projects** throughout Western Australia and the Northern Territory.



WA Projects underpin aggressive Ni-Cu-PGE exploration strategy – Significant drilling campaign to commence mid-November 2021



Experienced exploration Board featuring **Will Dix** (MD), **Dr Mark Bennett** (Sirius) and **Stu Crow** (Lake Resources)



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



Strong cash position of **+\$6.0m** at September 2021

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.



Mark Bennett
Non-Executive Director

Mark is a geologist with 30 years' experience in gold, nickel and base metal exploration and mining. He is currently the Executive Chairman of ASX listed S2 Resources. Previously Mark was the managing director and CEO of Sirius from its inception to its merger with Independence Group, and was non-executive director of Independence Group following the merger until May 2016.



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.



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.



Investment Opportunity

A burgeoning market for base and precious metals

Why Nickel and Copper, why now?



Nickel and copper are **naturally occurring metallic elements** with outstanding physical and chemical properties, which makes them essential in hundreds of thousands of products.



Nickel is a **natural resource**, which can be **recycled** again and again, without loss of quality.



Nickel and copper's key attributes support **sustainability** - corrosion resistance, high-temperature stability, strength, ductility, toughness, recyclability, as well as catalytic and electromagnetic properties.



Infrastructure for the creation and management of nickel-containing products - gathering, sorting, preparing, transporting and using scrap metal - is generating employment and stimulating the economy.



Upswing in demand for nickel and copper, but not enough supply, so the market outlook is strong.



Current Projects

Targeted Nickel-Copper-PGE Exploration throughout WA and NT

Key Asset Overview

NANUTARRA (Earning up to 80%)

- Large unexplored ultramafic intrusion prospective for **Ni-Cu-PGE** sulphides
- **RC drilling identified low level PGE anomalism**
- TRT earning up to 80% by spending A\$2M over 3 years

NERRAMYNE (100% TRT)

- Recently granted early stage large **COPPER** anomaly on the Yilgarn Basin margin
- 40km x 6km copper anomaly
- Large airborne EM survey planned for Q1 2022

BERKSHIRE VALLEY (100% TRT)

- Highly prospective **Ni-Cu-PGE** tenure 100km north of Julimar discovery (ASX:CHN)
- **Significant PGE Anomalism identified on unexplored Eastern Trend**

PINGANDY (100% TRT)

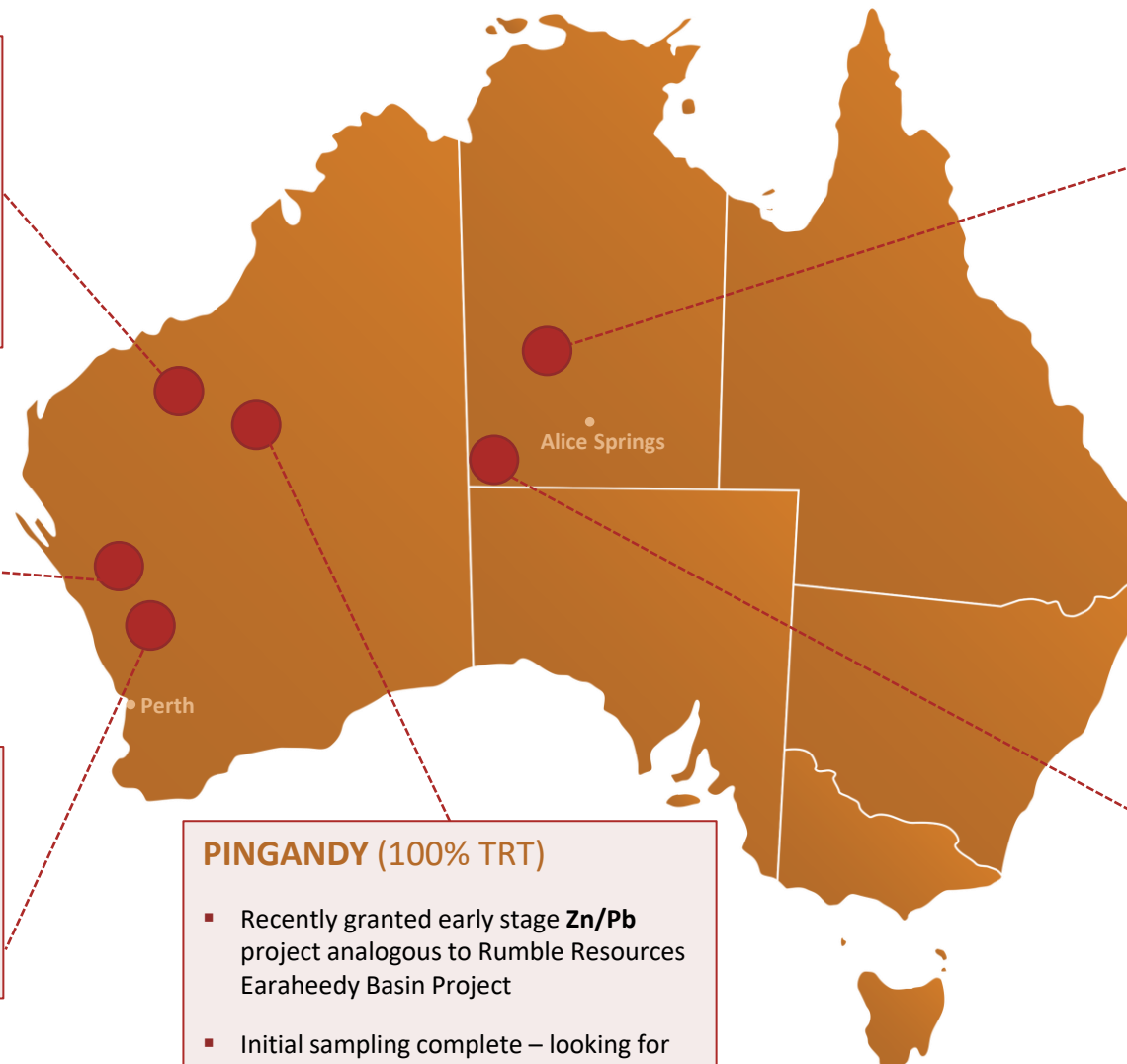
- Recently granted early stage **Zn/Pb** project analogous to Rumble Resources Earahedy Basin Project
- Initial sampling complete – looking for vectors to hot spots

Mt HARDY (100% TRT)

- **Hendrix inferred resource of 2.6Mt @ 10.5% Zn eq***
- Resource open at depth and to the south
- Multiple regional targets for 2021 follow up all with base metal intersections

PETERMANN RANGE (100% TRT)

- Large Land position (6,200km²) in the Central Musgrave Province
- Un-explored region of the Musgraves (40yrs) with **COPPER** prospectivity
- Waiting on final decision from Traditional Owners re access
- Aiming for Initial field work in 2022



Upcoming Activity Timeline

PROJECT	November	December	January	February	March	Q2 2022	Q3 2022	
Nickel-Copper-PGE Berkshire Valley	Aircore and RC Drilling of Geochem Anomalies – East Trend							
		Moving Loop EM		RC/DDH Drilling		Crop in the ground limited exploration to Q4		
			Further Land Access Discussions					
Gold Berkshire Valley		Aircore Drilling of Geochem Anomalies		RESULTS RECEIVED AND PLANNING FOR ROUND 2				
Nickel-Copper-PGE Nerramyne					EM Survey			
					Heritage Survey	RC/DDH Drilling*		
Zinc-Lead-Silver Pingandy						Geophysics and Sampling		
Copper-Zinc-Silver Mt Hardy						Aircore Drilling of Northern Targets	Follow Up RC	
Nickel-copper-PGE Nanutarra						Follow up surface sampling		

* Drilling at Nerramyne to be part-funded by successful EIS drilling application for 2022

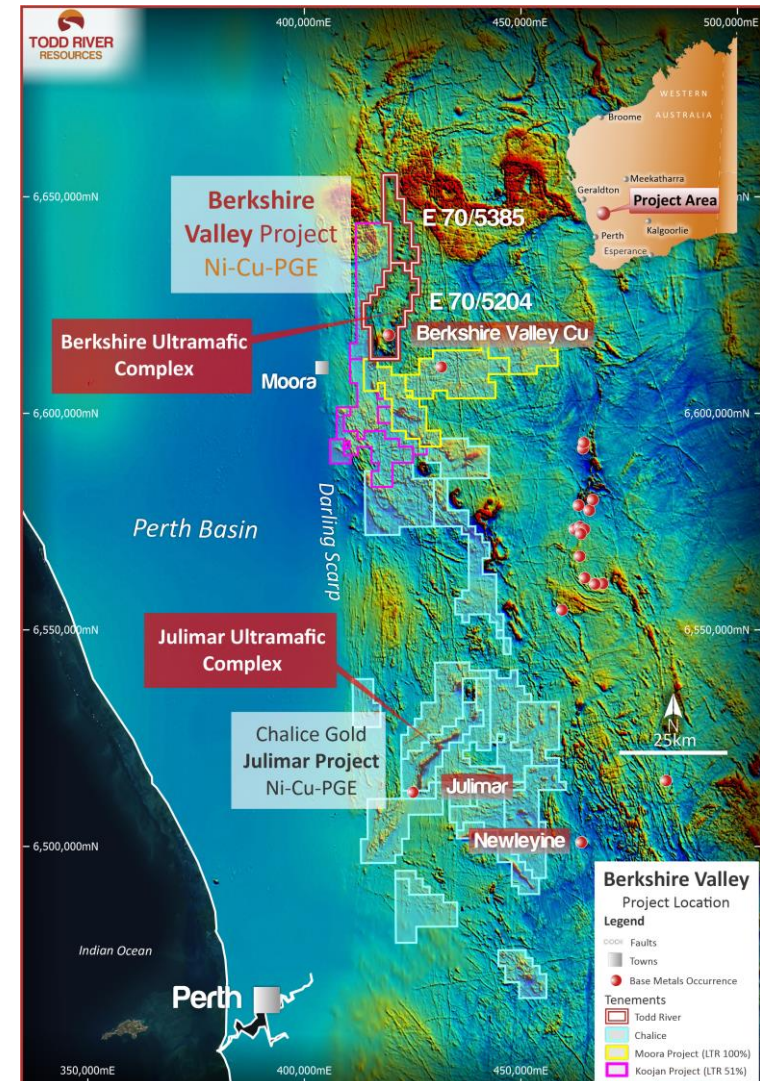
Berkshire Valley Project

Nickel, Copper and PGE Project | 100% owned



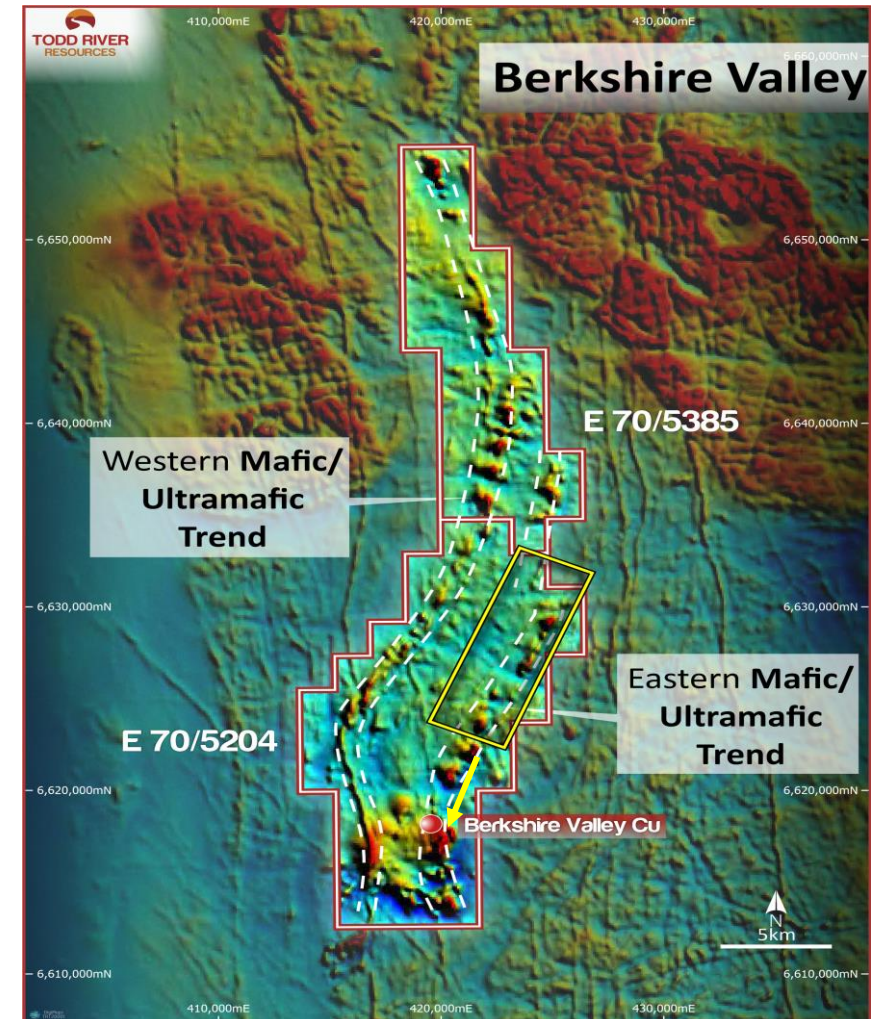
Project Overview

- Highly prospective **Ni-Cu-PGE** tenure 100km north of Julimar discovery (ASX: CHN)
- Auger geochemical sampling and aircore program completed over initially targeted stratigraphy
- Multiple drill targets identified on both the Western and Eastern Trends
- Significant coincident Ni-Cu-PGE Anomalism identified on unexplored Eastern Trend
- **Drilling and geophysics to commence in the next two weeks following the 2021 harvest**



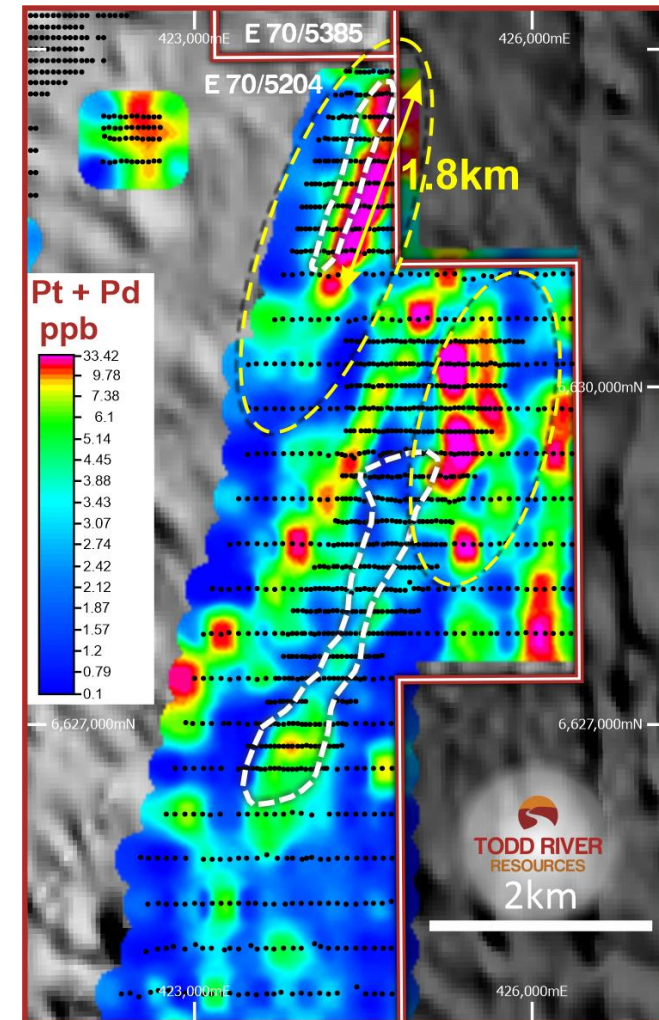
Berkshire Valley Exploration – Eastern Trend

- No previous exploration at all over the eastern mafic/ultramafic trend – TRT first with land access
- 1850 samples collected and prepared internally and XRF analysed prior to a subset being assayed for base and precious metals
- Coverage was focused over a number of discrete mag highs interpreted to be gabbro-norite intrusions
- Results have been exceptional and delivered a number of walk up drill targets for November drilling campaign and EM targets for the next round of MLTEM (late November)

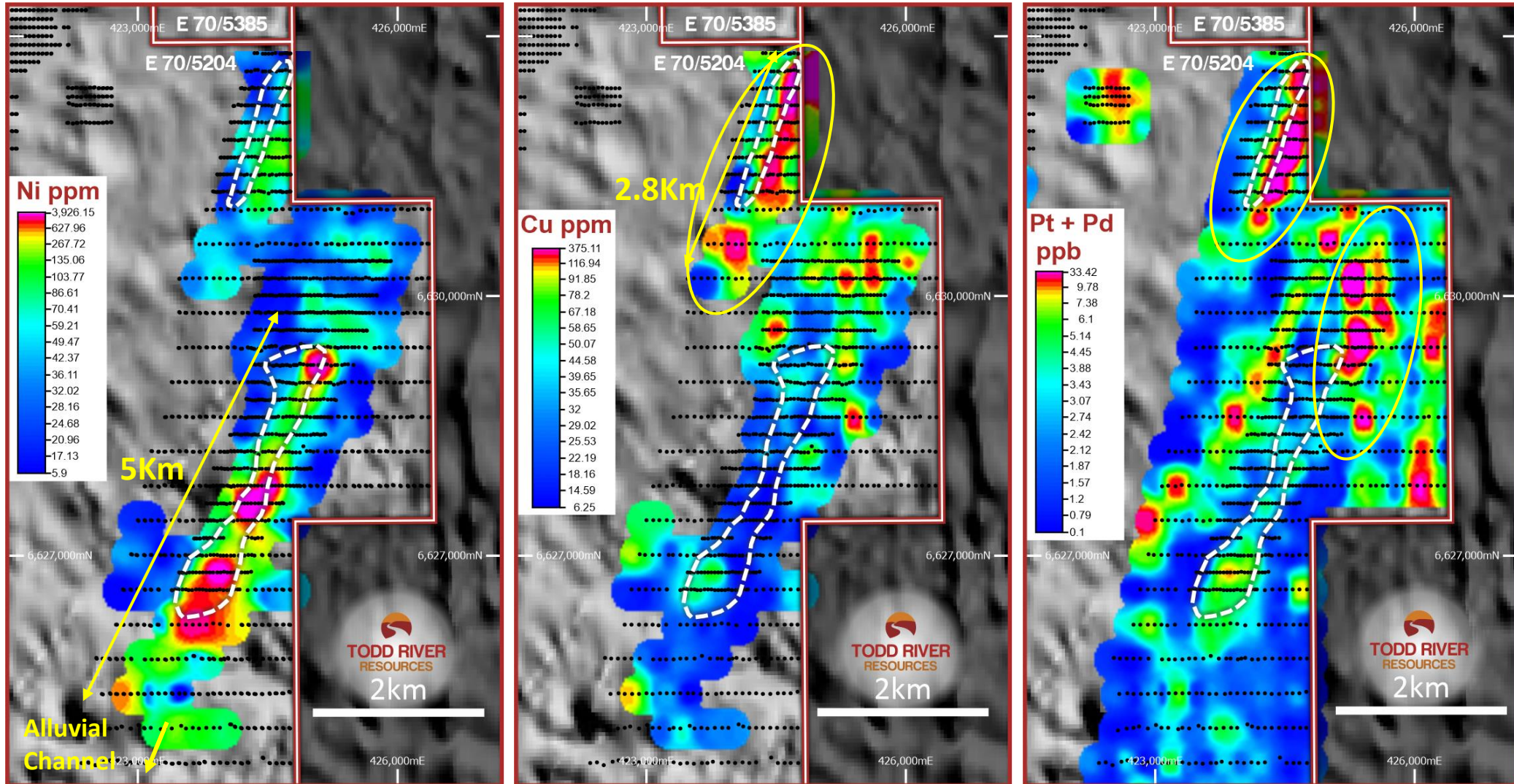


Berkshire Valley Exploration – Eastern Trend

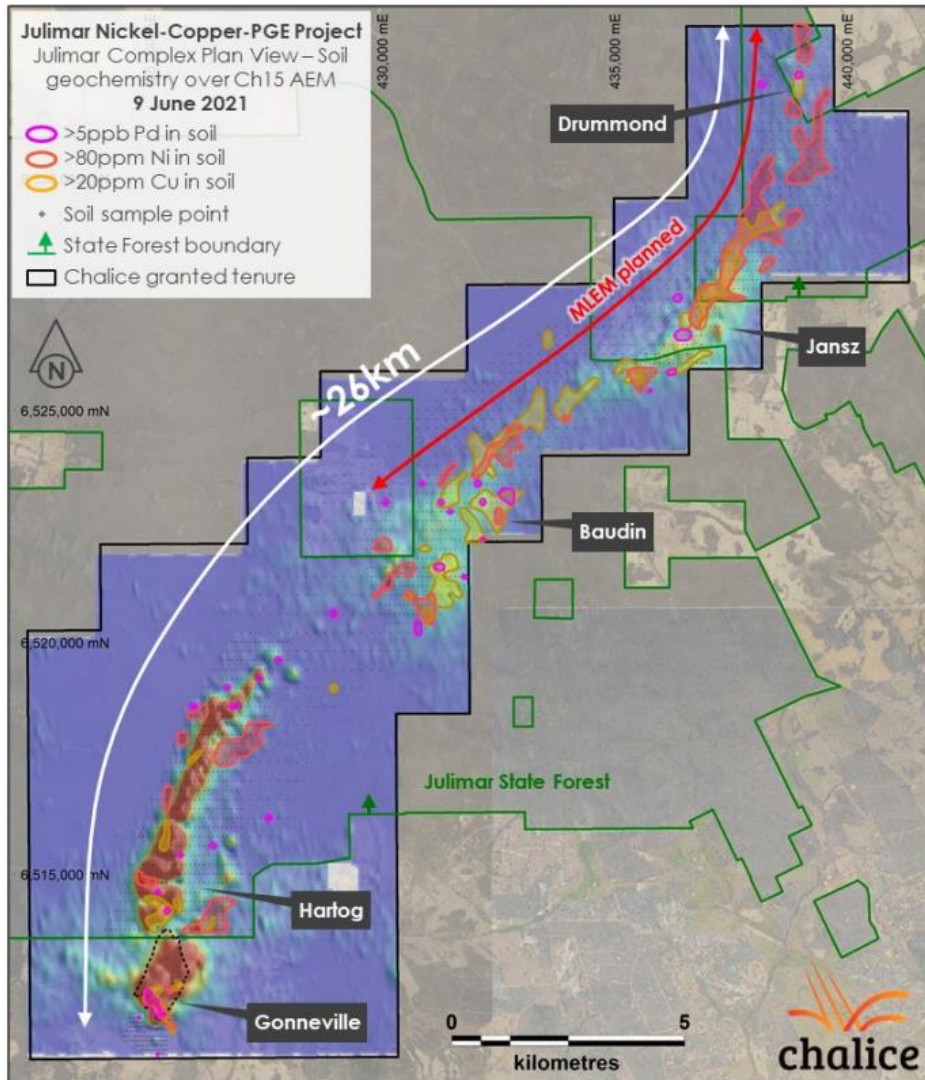
- 2 significant anomalies overlie targeted mafic and ultramafic intrusions that are coincident with strong magnetic high features;
- Maximum assay values are **0.93% Ni, 0.09% Cu, 57.7ppb Pd and 47.5ppb Pt**;
- 2.8 Km long northern anomaly has **PGE values consistently above 20 ppb Pt+Pd (or 10-15 times background)** associated with strongly anomalous Cu (100-900ppm) and Ni (100-300ppm);
- Several coincident Ni-Cu-PGE anomalies in the southern 5 km long anomaly that is truncated by alluvium to the south;
- **Land access agreements in place ready for Moving Loop EM and drilling to be undertaken as early as next week on the Eastern Trend.**
- **Priority 1 exploration for the Company**



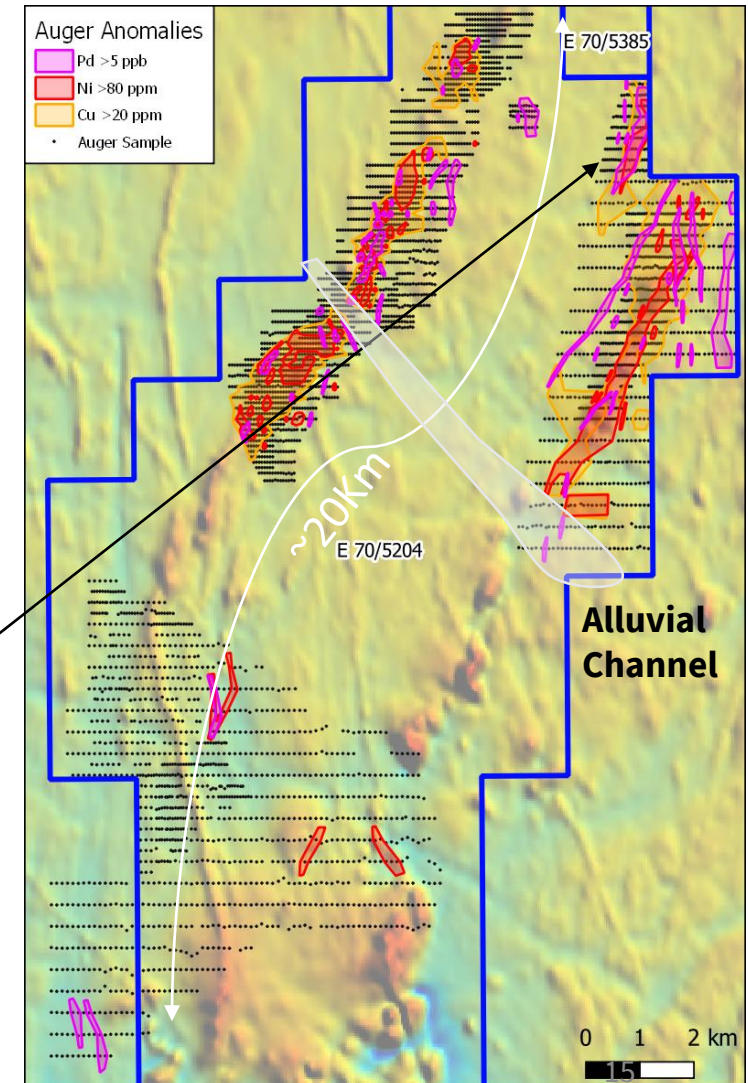
Berkshire Valley Exploration – Geochemistry



Berkshire Valley Exploration Compare CHN - TRT



- Large coherent anomalies in all 3 elements;
- By far the best geochemistry seen to date is the Eastern Trend – drilling imminent;
- Note the difference in extent and consistency of the Pd anomalies
- Best coincident Cu + Pd anomaly is over 1.8Km long;
- Large open areas remain – ongoing discussions;
- Drilling and MLTEM focus



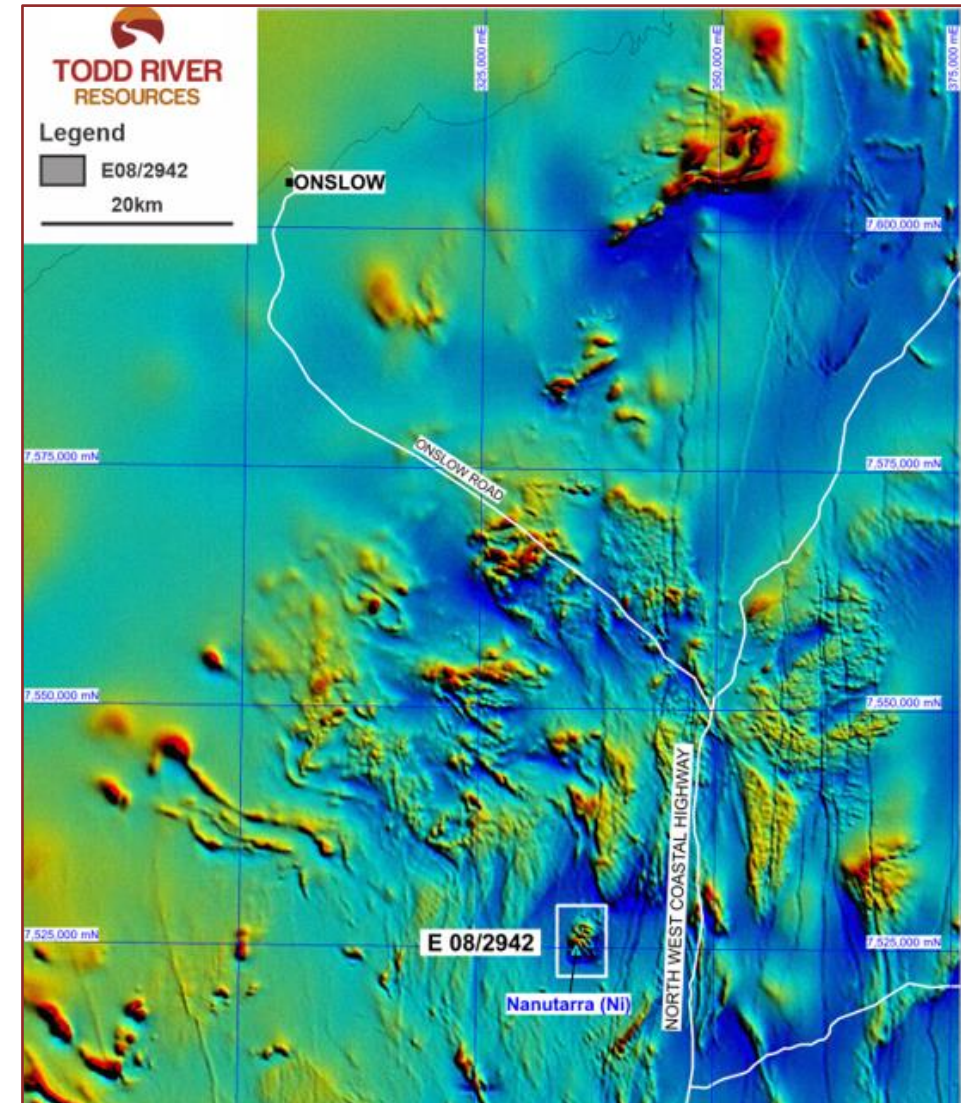


Nanutarra Project

Nickel and Copper Project | Earning up to 80%

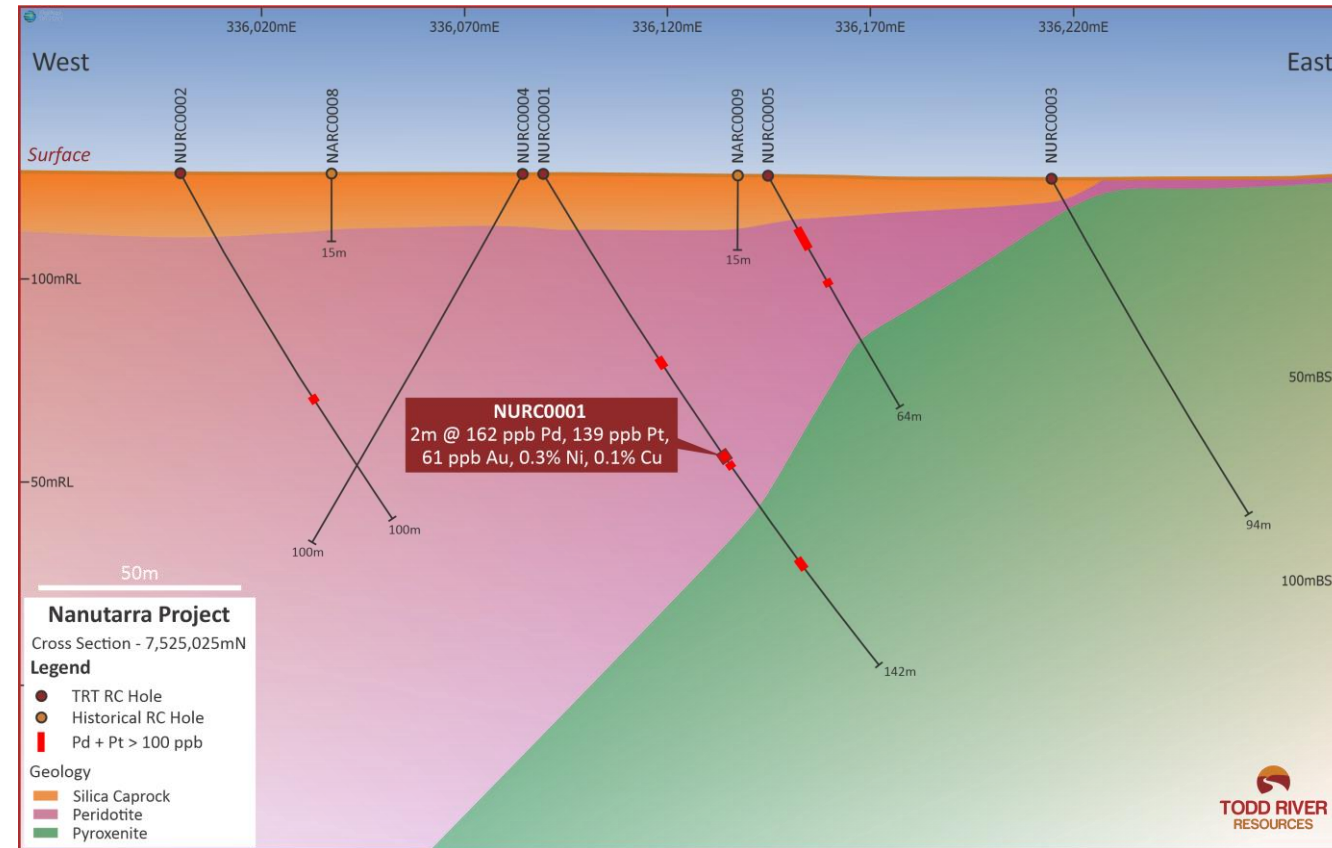
Large ultramafic intrusion

- TRT has exclusive option to earn up to 80% by spending \$2M over 3 years on exploration
- Large partly exposed Proterozoic mafic-ultramafic intrusion
- Permissive environment for Ni-Cu-PGE sulphides
- Strongly anomalous Ni-Cu-PGE pathfinder geochemistry in shallow laterite drilling
- Confirmed anomalism in initial RC drilling program
- Very little previous work completed outside a small area of the intrusion



RC Drilling August 2021

- RC Drilling to follow up historic PGE anomalism in shallow vertical holes
- Anomalous PGE values intersected in a number of holes associated with ultramafic units of the intrusion
- Confirms the fertility of the system and geochemistry indicates the drilling is located in the mid levels of the intrusion
- Broad coverage surface work required to identify most optimal areas within the intrusion for further drilling in 2022



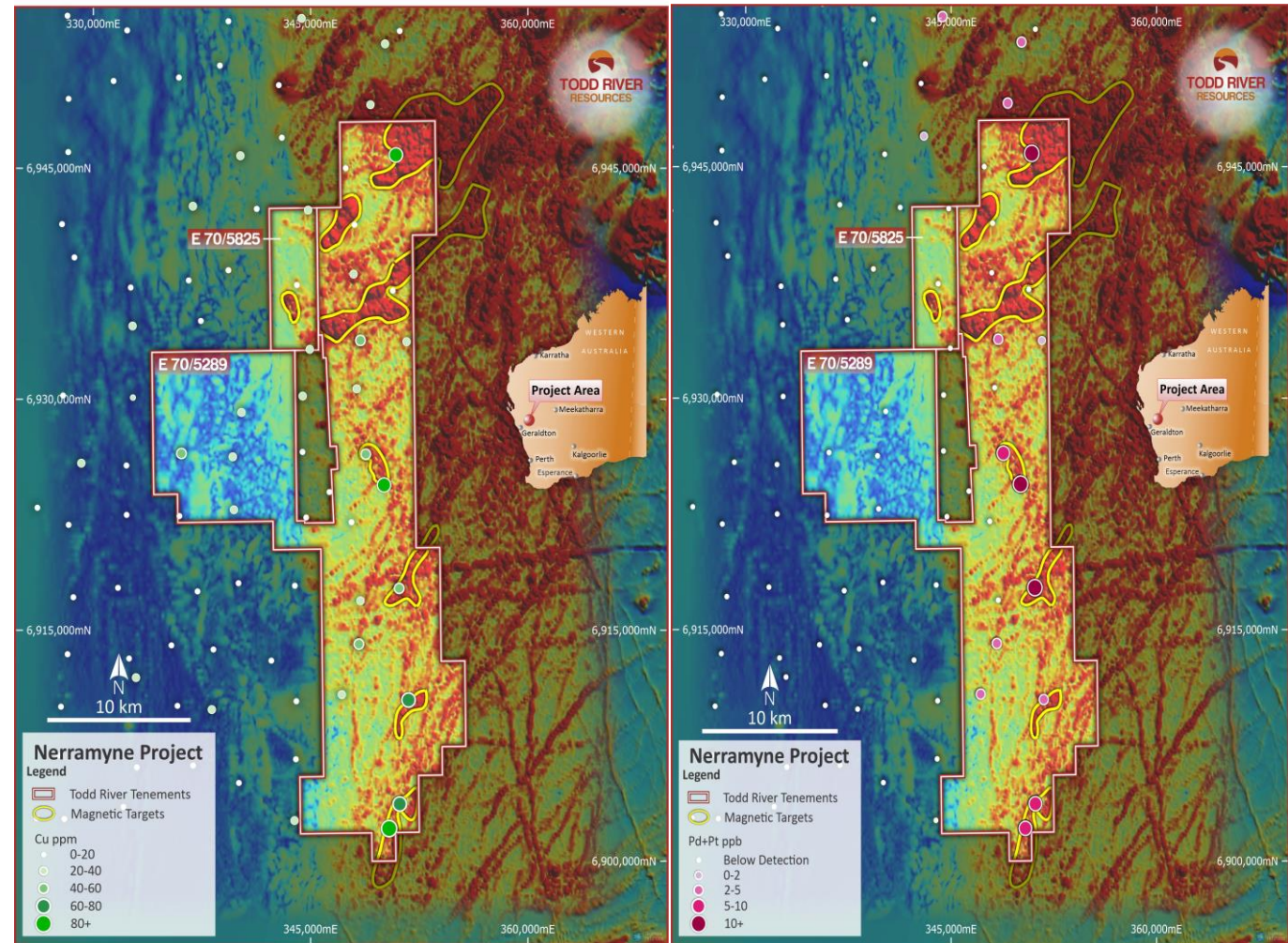


Other Projects

Mt Hardy | Pingandy | Nerramyne

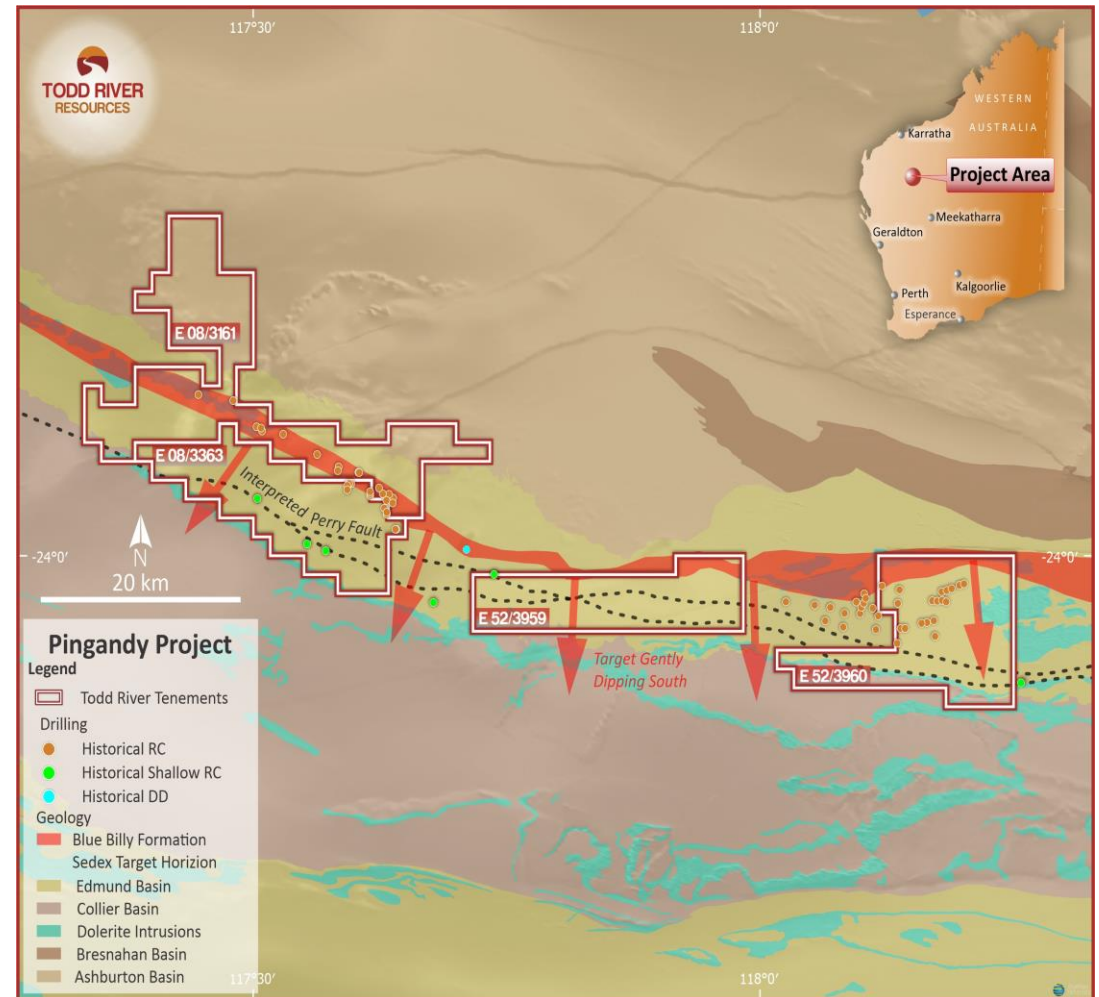
Nerramyne Copper Project

- 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
- Neighbouring companies include Chalice Gold Mines, S2 Resources and AusQuest Ltd;
- Broad scale EM survey planned for March 2022
- EIS co-funded drilling application was successful for 2022 drilling – scheduled for Q2 2022



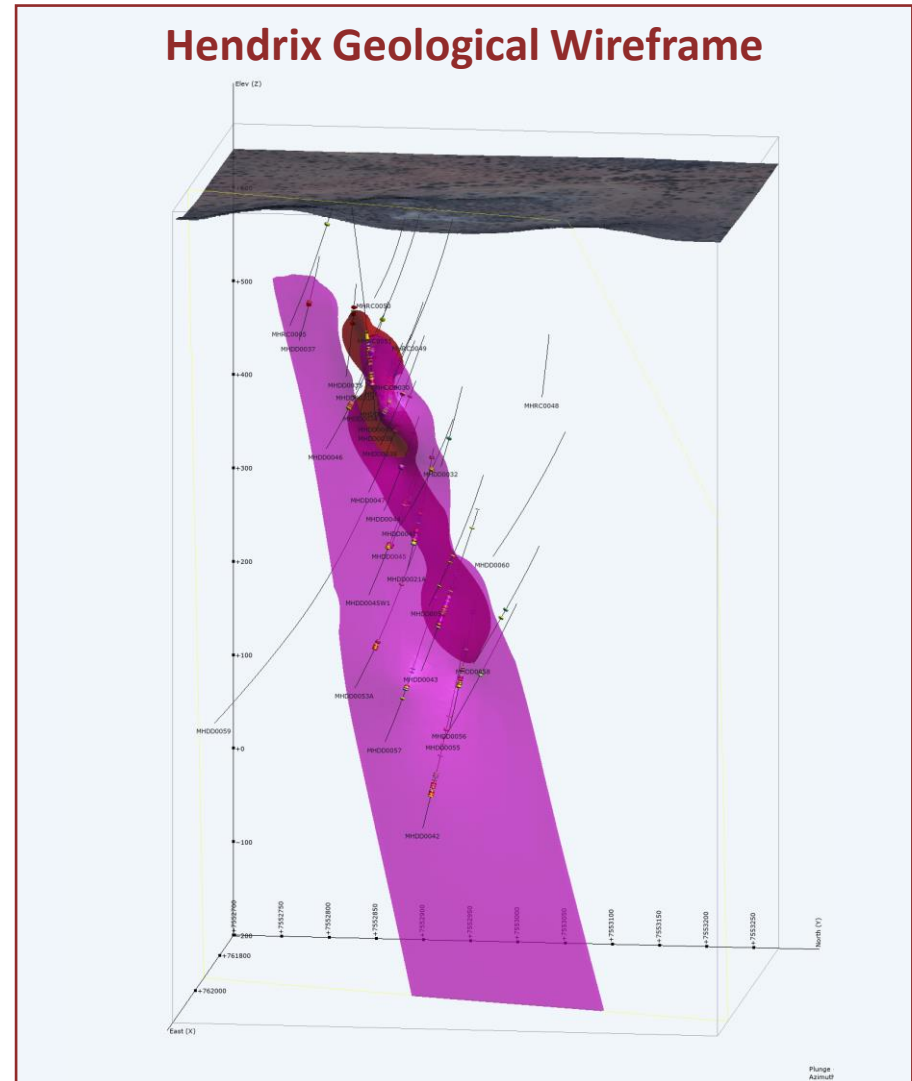
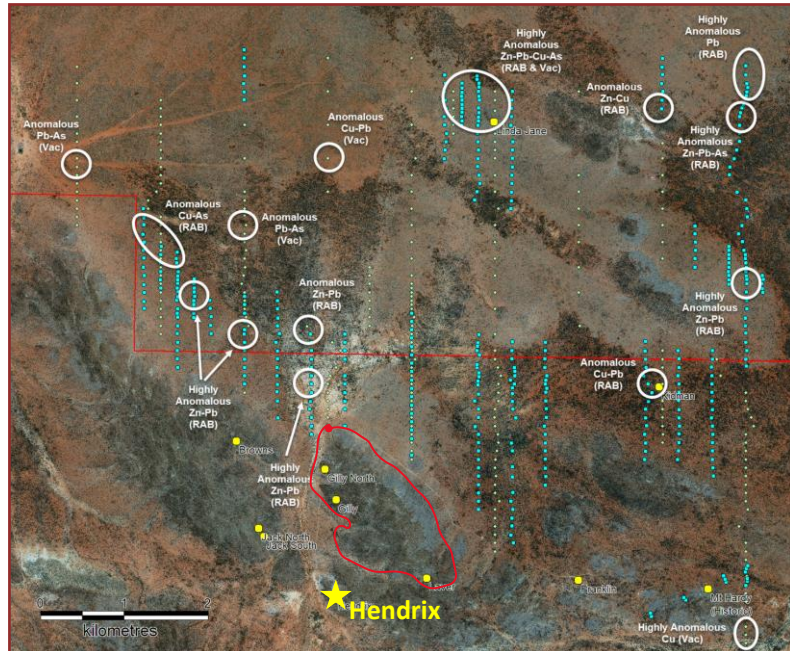
Pingandy Base Metal Projects

- 895 square kilometres with existing base metal anomalism in the Edmund Basin;
- Covers the projected down dip extensions of the Blue Billy Formation, previously identified as a potential host for Sedex style base metal mineralisation
- Previous exploration limited to areas of outcrop or adjacent down-dip extent and NOT towards the Perry Fault which is potentially to crustal scale structure that would be the fluid source for mineralisation
- Initial sampling completed in late September 2021 quarter with surface geochemical sampling designed to vector into areas for follow up drilling and geophysics;



Hendrix and Regional Exploration

- Mineral Resource estimate at Hendrix **2.6Mt @ 10.5% Zn Equivalent*** open to the south and at depth
- Multiple regional targets successfully tested with first pass RC drilling in 2019 – no work since due to COVID access restrictions and other priorities
- Strong base metal geochemical anomaly over 1.2Km² NE of Hendrix (unrelated to Hendrix) and northern tenement unexplored for base metals



Priorities for the next 12 months

Considered investment, focused projects



Outlook

NANUTARRA (Earning up to 80%)

- RC drilling identified low level PGE anomalism
- Broad surface geochemistry to identify deeper levels of the intrusion
- TRT earning up to 80% by spending A\$2M over 3 years

BERKSHIRE VALLEY (100% TRT)

- Aircore drilling of Eastern Trend walk-up targets (Ni-Cu-PGE and Gold) – **November and December 2021**
- Systematic detailed MLTEM – **November and December 2021**
- Follow up RC and potentially diamond drilling – **December 2021 and Q1 2022**
- New areas becoming available via Further Land Access Discussions - **ONGOING**

NERRAMYNE & PINGANDY (100% TRT)

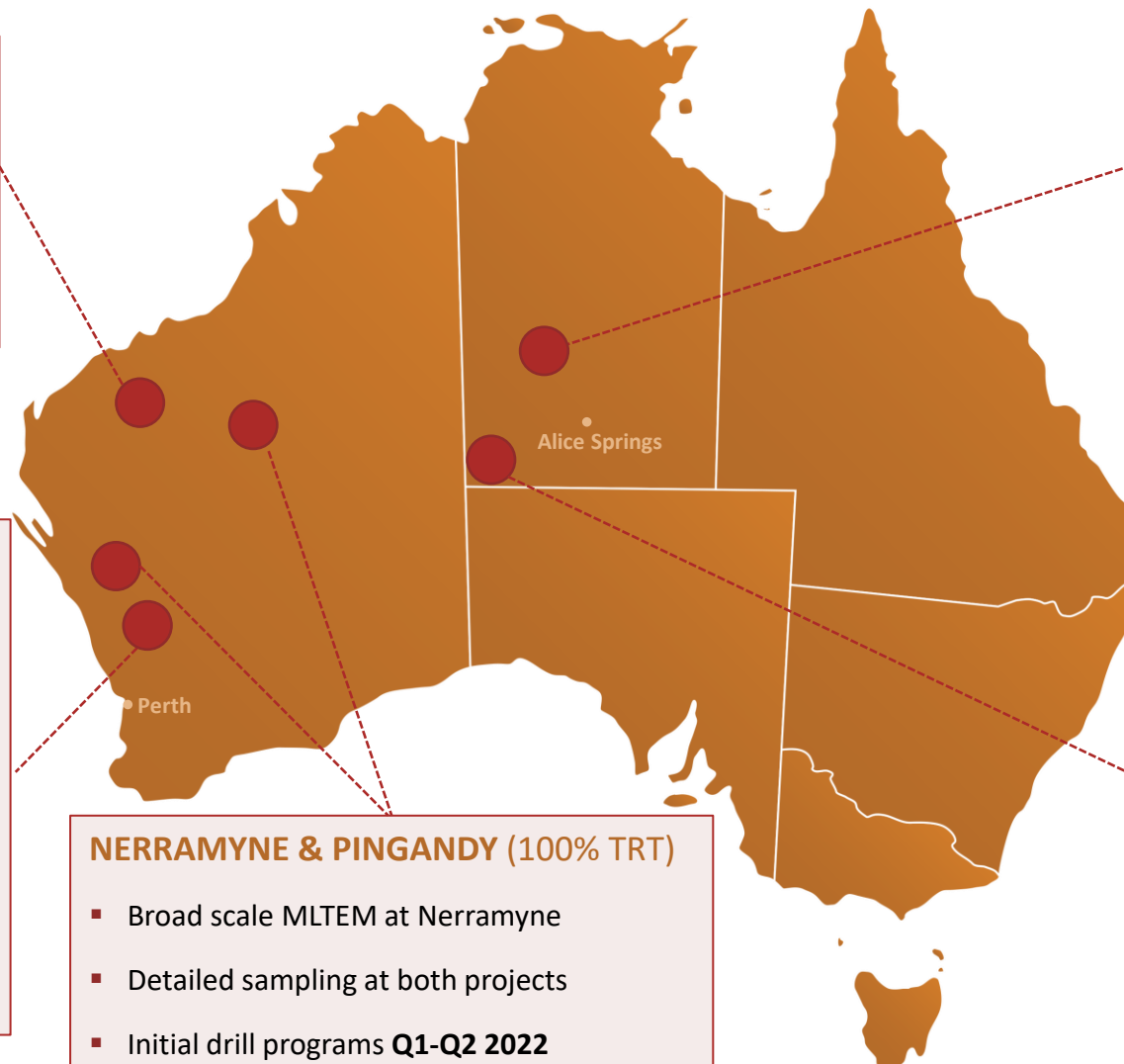
- Broad scale MLTEM at Nerramyne
- Detailed sampling at both projects
- Initial drill programs **Q1-Q2 2022**

Mt HARDY (100% TRT)

- Detailed Geochem over anomalous streams and tenements – **Q2 2022**
- Drilling regional targets in north of project **Q2 and Q3 2022**
- Further drilling of 2019 target areas **Q3 2022**

PETERMANN RANGE (100% TRT)

- Final determination from TO's on Exploration Agreement – **Q4 2021**
- **Focus on copper and gold**



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