

Targeted exploration of base and precious metals in Australia

Presentation – Diggers and Dealers
August 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"
 - "Todd River to Acquire Highly Prospective Ni-Cu-PGE Projects" lodged on 1 July 2020
 - "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

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.

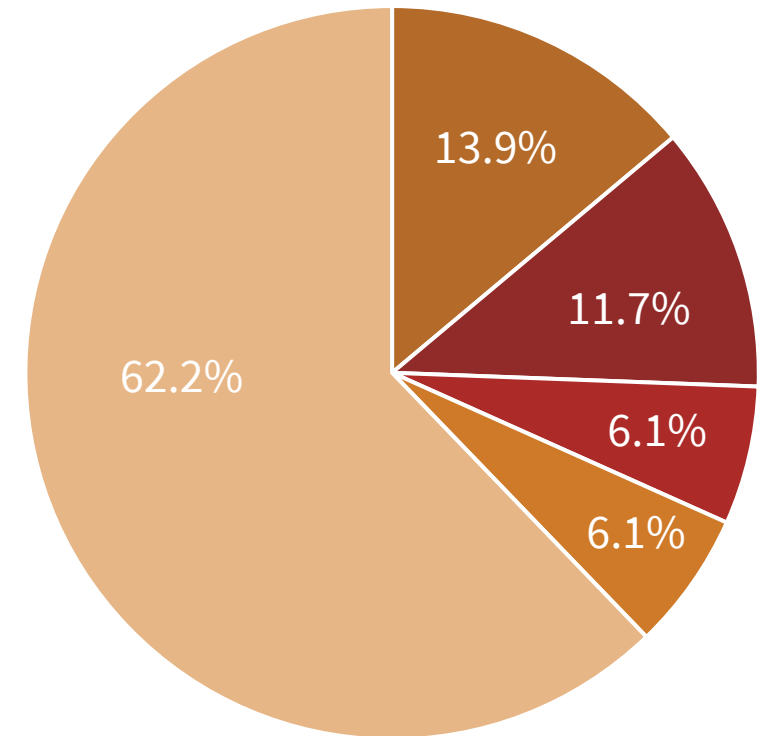
Corporate Overview

Capital Structure

	ASX Code	TRT
Shares on Issue		554m
Options on Issue (85m at 6c)		97.6m
Share price (29 July 2021)		7.0cps
Market Capitalisation (fully diluted)		\$40m
Cash at June 2021		\$6.45m
Enterprise Value		\$33.55m

Major Shareholders

- S2R (Southern Star) 13.9%
- Marlee Minerals 11.7%
- Moonknight 6.1%
- Acorn 6.1%
- Others 62.2%



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 initially focussed on a highly prospective “Julimar style” Project at Berkshire Valley.



Experienced exploration Board featuring **Will Dix** (MD), **Dr Mark Bennett** (Sirius) and **Ian Murray** (Gold Road)



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



Strong cash position of **+\$6.5m** at June 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.



Ian Murray
Non-Executive Director

Ian has over 25 years' mining industry experience in senior leadership positions. He is a Chartered Accountant and a Member of the Australian Institute of Company Directors. He was formerly Managing Director of Gold Road Resources and is currently Executive Chairman of ASX listed Matador Mining.



Current Projects

Targeted Nickel and Copper 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 to follow up +1g/t PGE in shallow historic drilling 1st week August**
- 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
- Initial field work Q3 2021

BERKSHIRE VALLEY (100% TRT)

- Highly prospective **Ni-Cu-PGE** tenure 100km north of Julimar discovery (ASX:CHN)
- Auger geochemical sampling and aircore program completed over initially targeted stratigraphy
- **Significant PGE Anomalism identified on unexplored Eastern Trend**

PINGANDY (100% TRT)

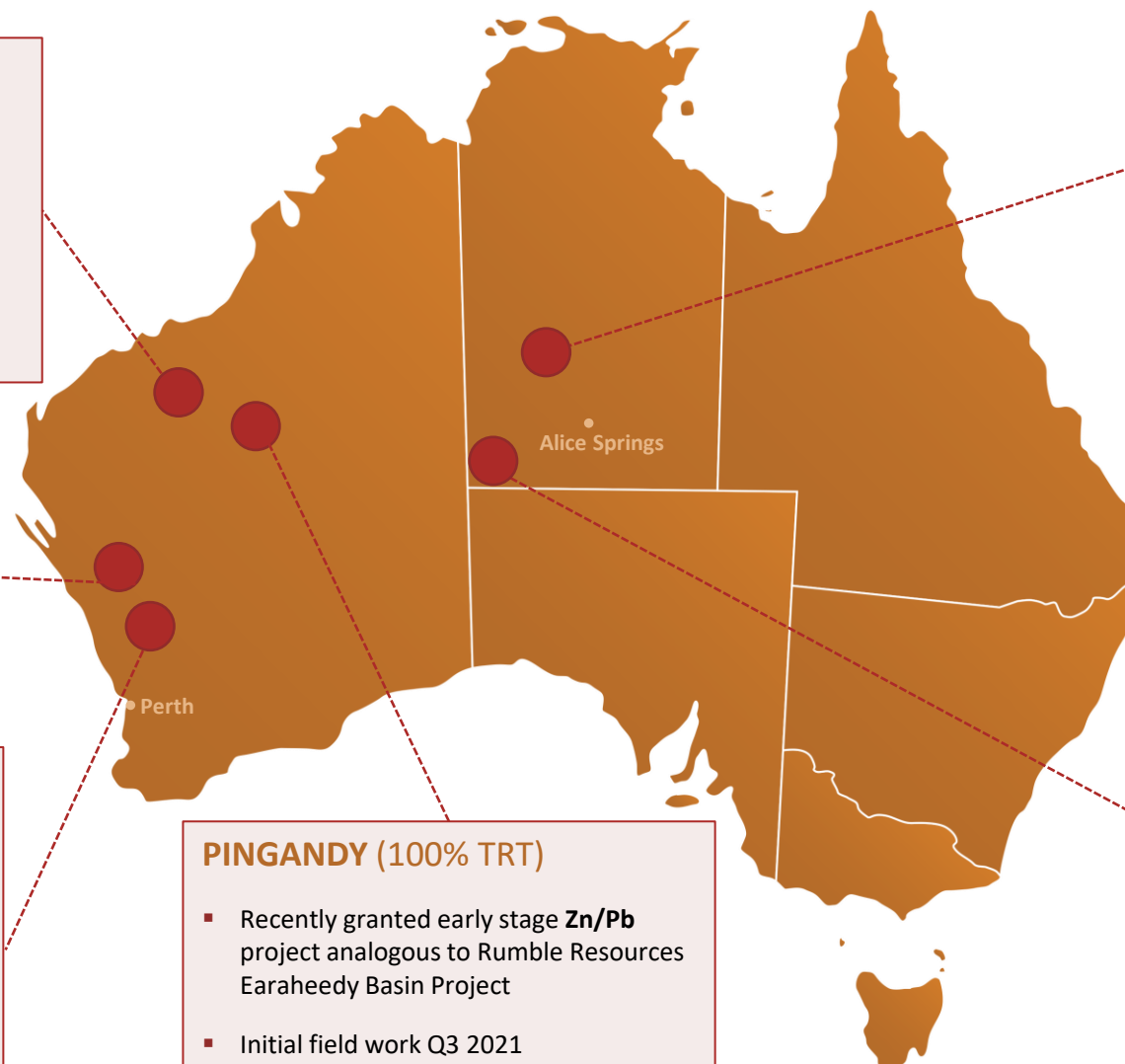
- Recently granted early stage **Zn/Pb** project analogous to Rumble Resources Earaheedy Basin Project
- Initial field work Q3 2021

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
- Final stages of negotiation with CLC on Exploration Agreement
- Aiming for Initial field work in late Q3 2021



Upcoming Activity Timeline

PROJECT	April	May	June	July	August	September	Q4 2021
Nickel-Copper-PGE Berkshire Valley	Initial Drilling of Geochem and Geophysical Anomalies Geochem Sampling		RESULTS RECEIVED AND PLANNING FOR ROUND 2		Crop in the ground limited exploration to November	RC follow up and Eastern Trend initial drilling	
			Land Access Discussions				
Gold Berkshire Valley	Aircore Drilling of Geochem Anomalies						
Nickel-Copper-PGE Nanutarra	Heritage Survey	Flora Survey and Permitting		RC/DDH Drilling		RC/DDH Drilling (if required)	
Gold-Copper-Nickel Petermann Range				Finalisation of CLC Land Access Agreement and EL grant Heritage Surveys		Initial Geophysics and Sampling	
Copper-Zinc-Silver Mt Hardy					Aircore Drilling of Northern Targets	Follow Up RC/DDH	
Pingandy and Nerramyne - Base metals					First Pass Exploration		

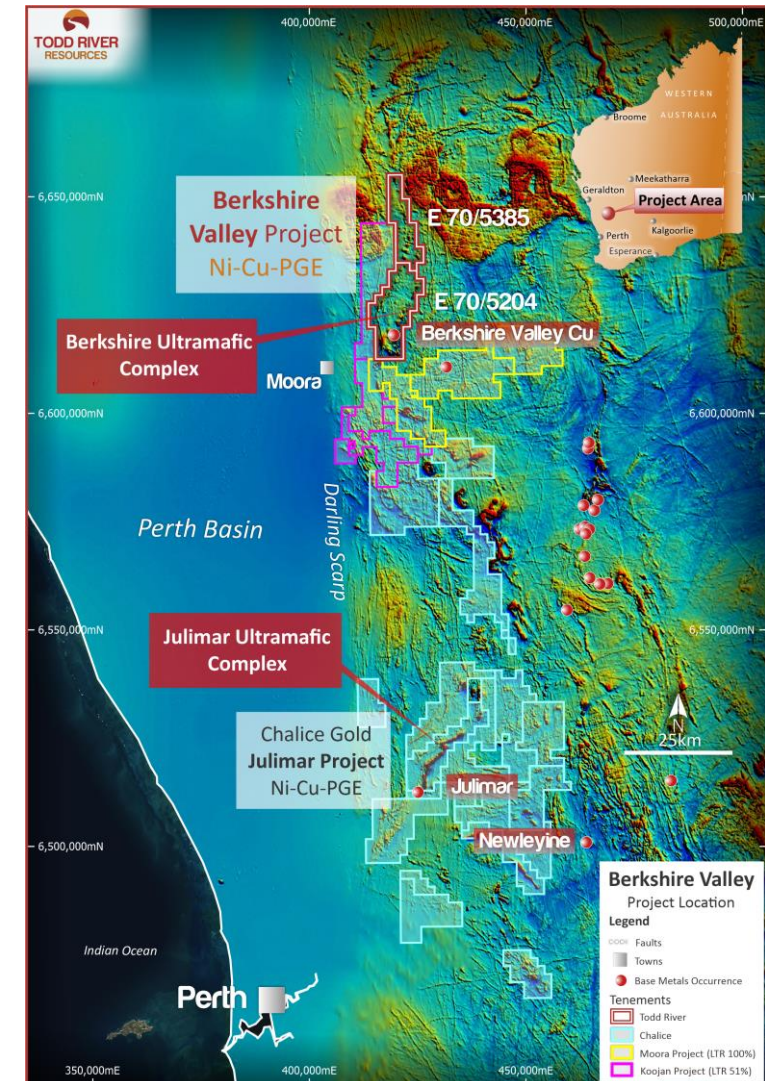
Berkshire Valley Project

Nickel, Copper and PGE Project | 100% owned



Project Overview

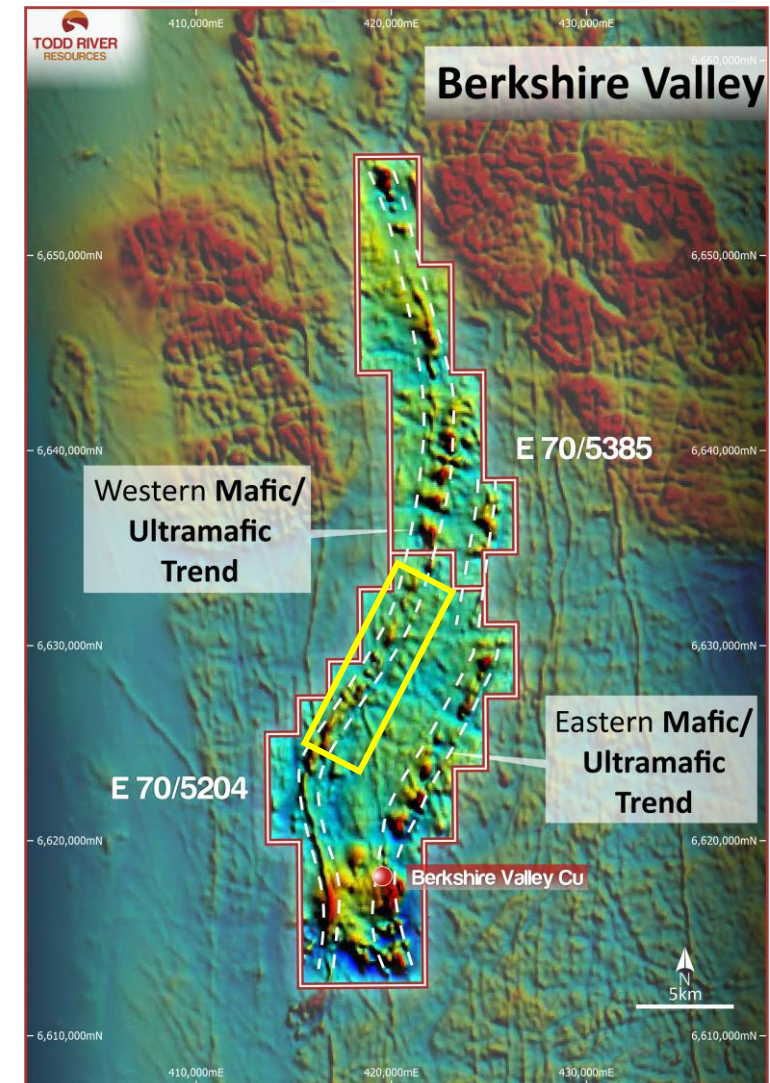
- 100km north of Chalice's Julimar discovery and only 160km north of Perth
- 270km² granted tenure +40Km strike of target stratigraphy
- Geologically and geometrically analogous with the Julimar Project
- Associated anomalous Ni-Cu anomalies identified from previous exploration however limited PGE assaying
- Almost exclusively private freehold farmland – require access permission
- Extensive public road network and farm tracks for ease of access
- Fieldwork season largely based around the cropping cycle – mid December – mid May, but not everywhere is cropped



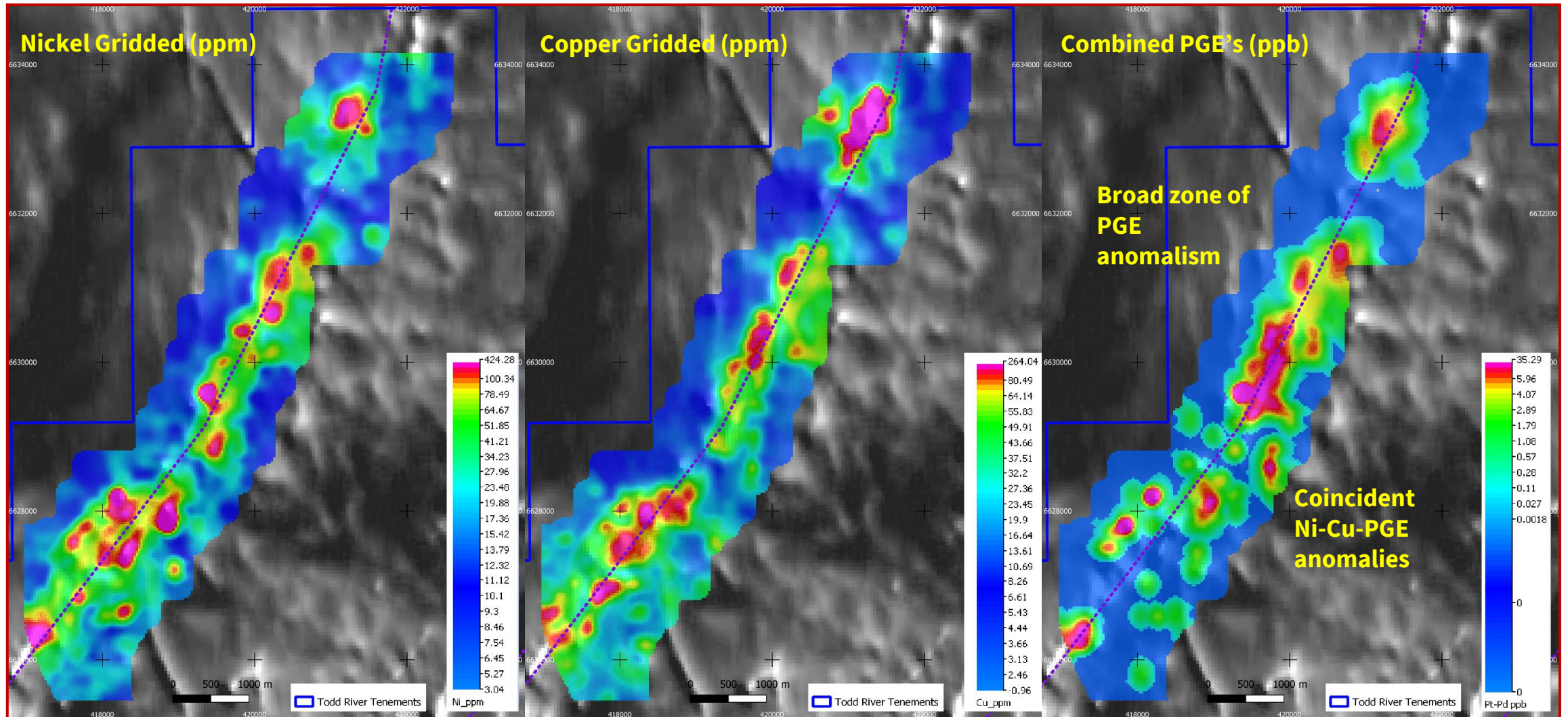
Previous Exploration

Previous Sampling Coverage

- Previous exploration for **gold** mainly between 2006-2009
- Focused coverage was along 8Km of strike of the “western trend”
- Work restricted to auger geochemical sampling with limited aircore/RAB and only 12 RC holes
- “Eastern” and “Northern” trends completely unexplored
- TRT acquired all previous sample pulps and re-assayed for Pt and Pd in late 2020 identifying a number of co-incident Ni-Cu-PGE anomalies

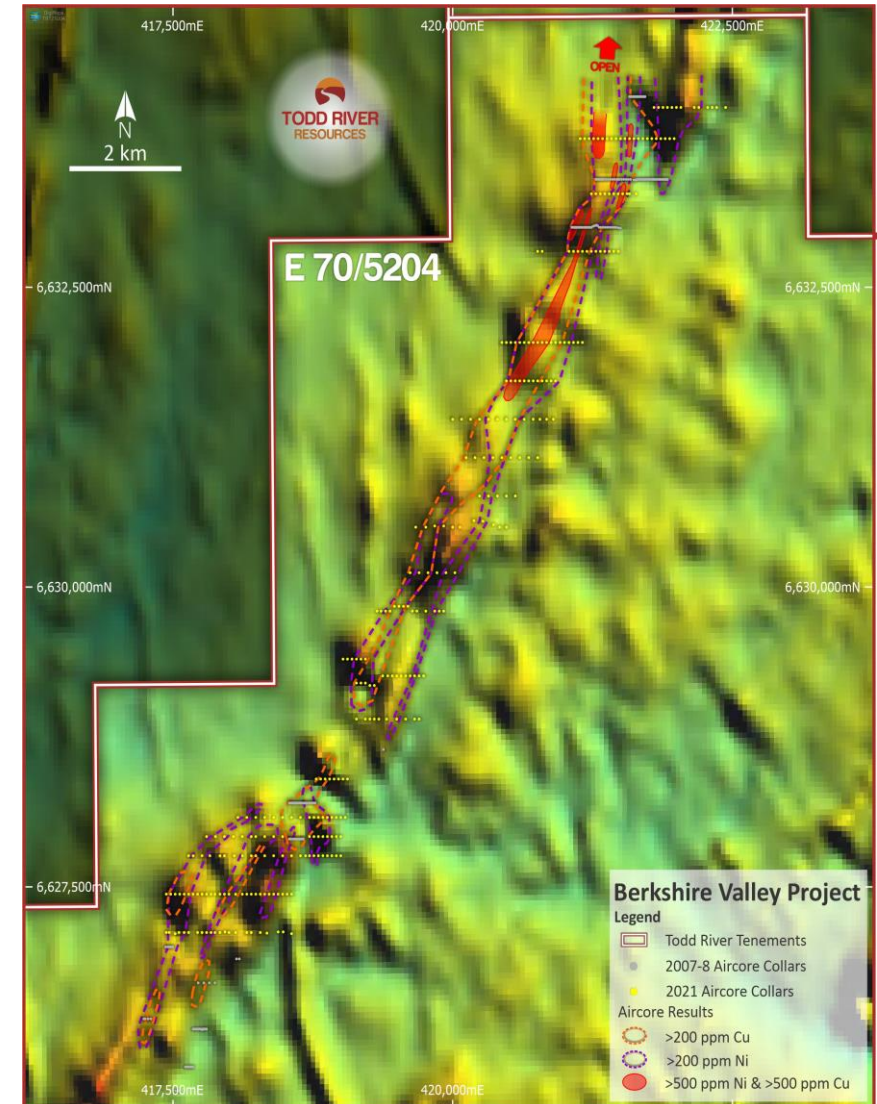


Auger Geochemistry – Western Trend



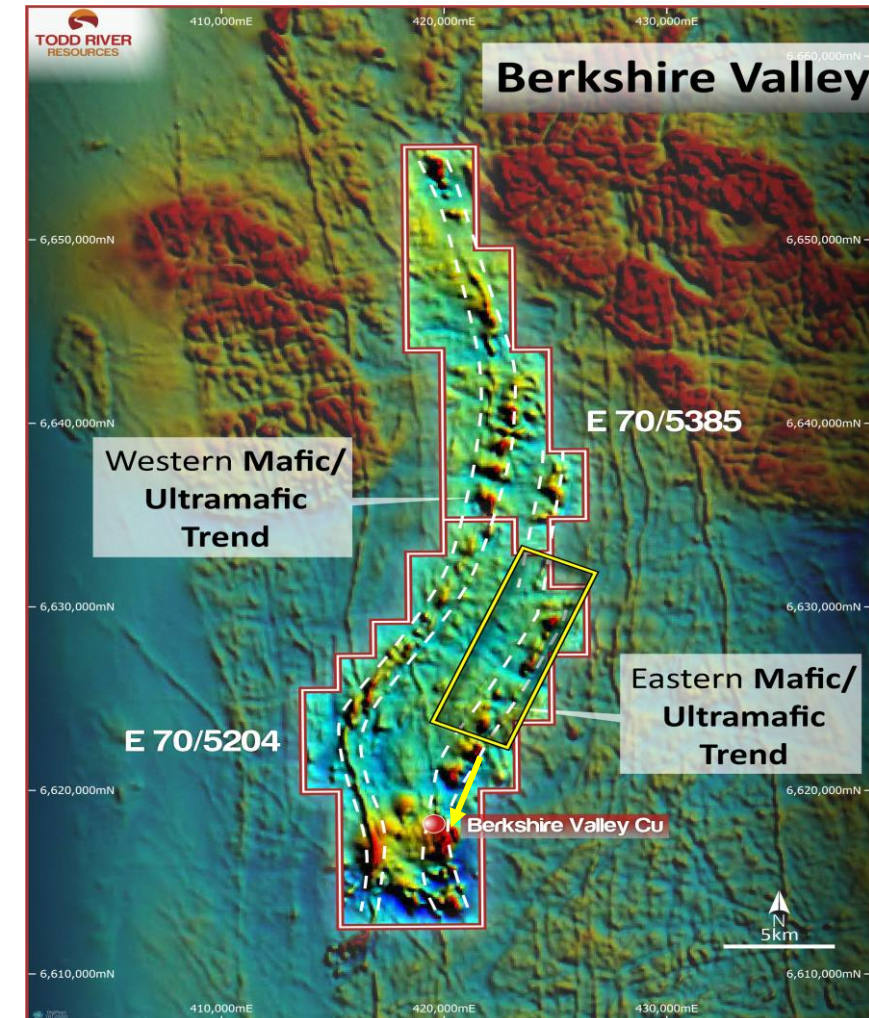
Berkshire Valley Exploration Initial Aircore Drilling

- Systematic aircore drilling completed over the areas of the Western Trend where there is Ni-Cu-PGE geochemical anomalism
- Geology confirms a thick package of the “right” mafic to ultramafic rocks with the potential to host mineralisation
- 3 Km trend of +500ppm Ni and +500ppm Cu over gabbro-norite with PGE follow up assaying to come – open to the north



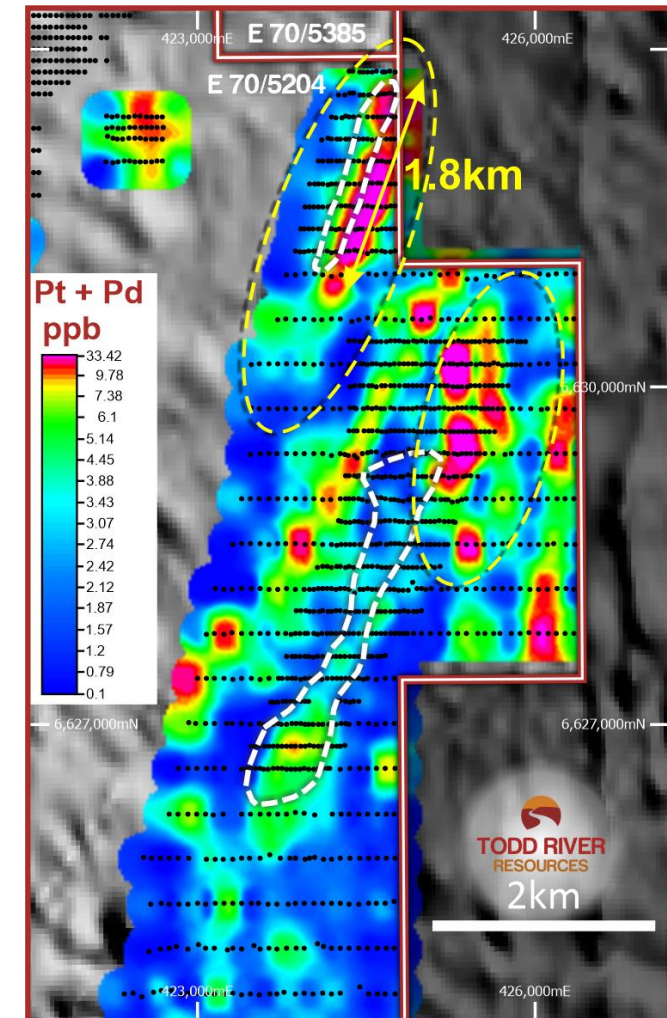
Berkshire Valley Exploration – Eastern Trend

- 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 as subset being assayed for base and precious metals
- Coverage over a number of discrete mag highs interpreted to be intrusions
- Further sampling planned as land access opens up prior to the next field season
- Main target properties over the southern 20% of the project
- Remaining and infill base metal and PGE assays by 3rd week of July

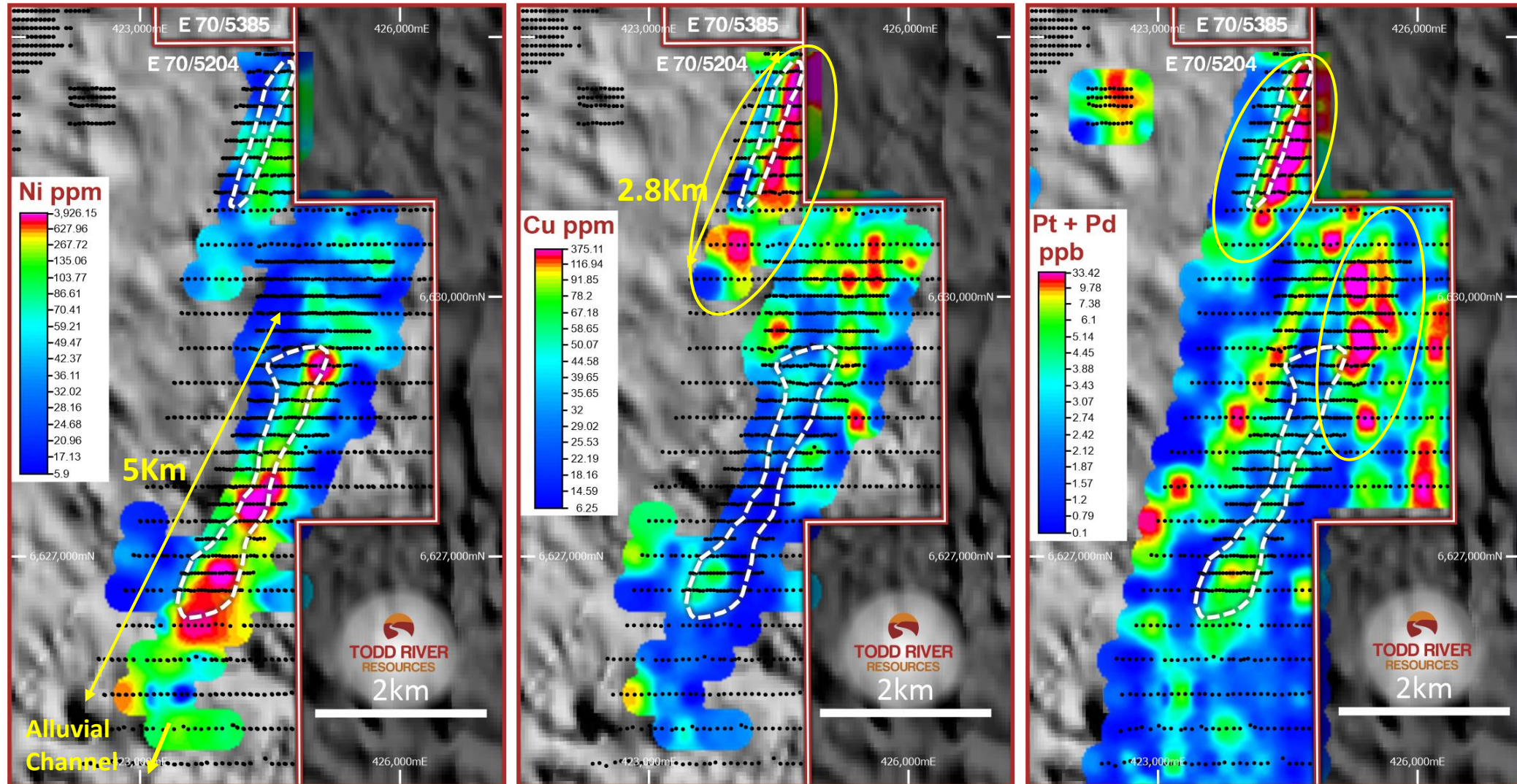


Berkshire Valley Exploration – Eastern Trend

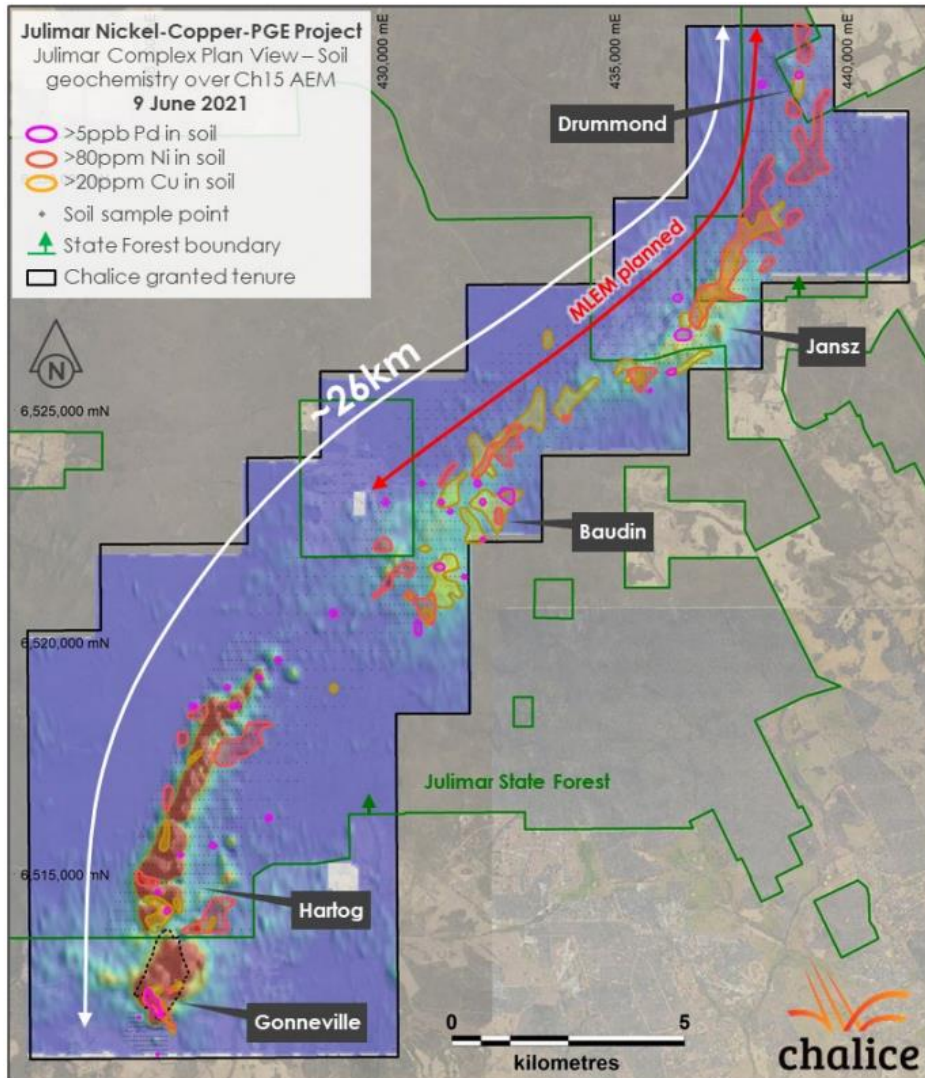
- 7 kilometres of prospective strike on the Eastern Trend has returned two significant Ni-Cu-PGE anomalous areas;
- Overlie targeted mafic and ultramafic intrusions that are coincident with strong magnetic high features;
- Maximum assay values are **0.93% Ni, 0.09% Cu, 57.7ppb Pd and 47.5ppb Pt**;
- 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 next steps on the Eastern Trend.**



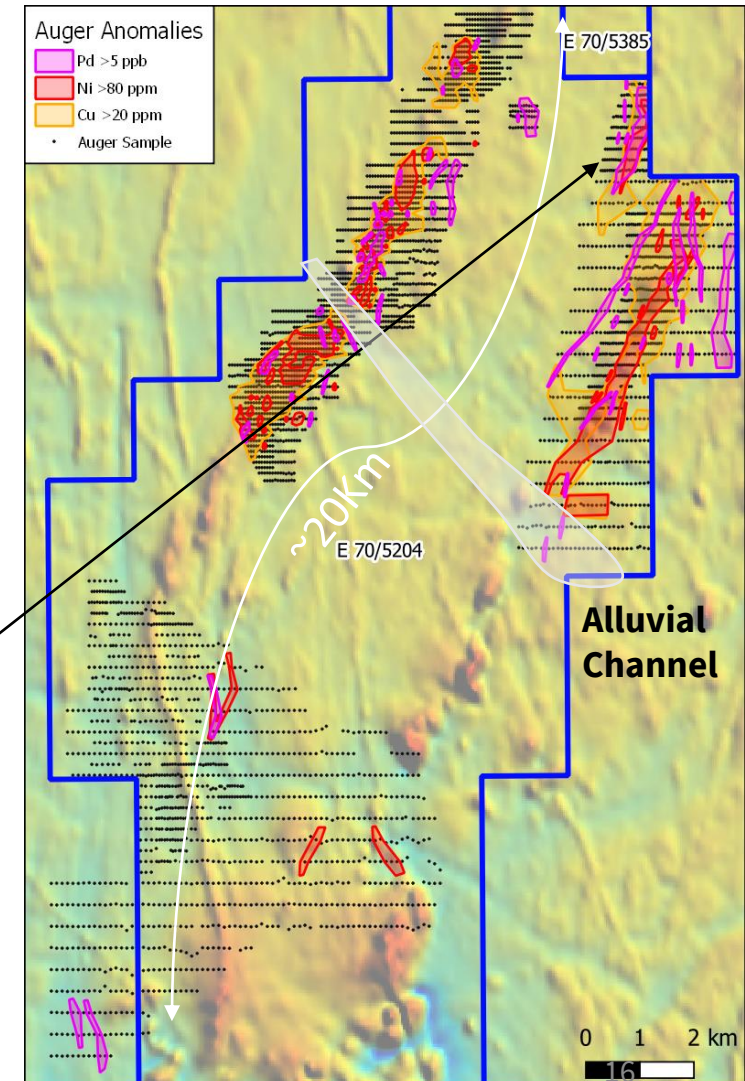
Berkshire Valley Exploration – Geochemistry



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 data released today;
- 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



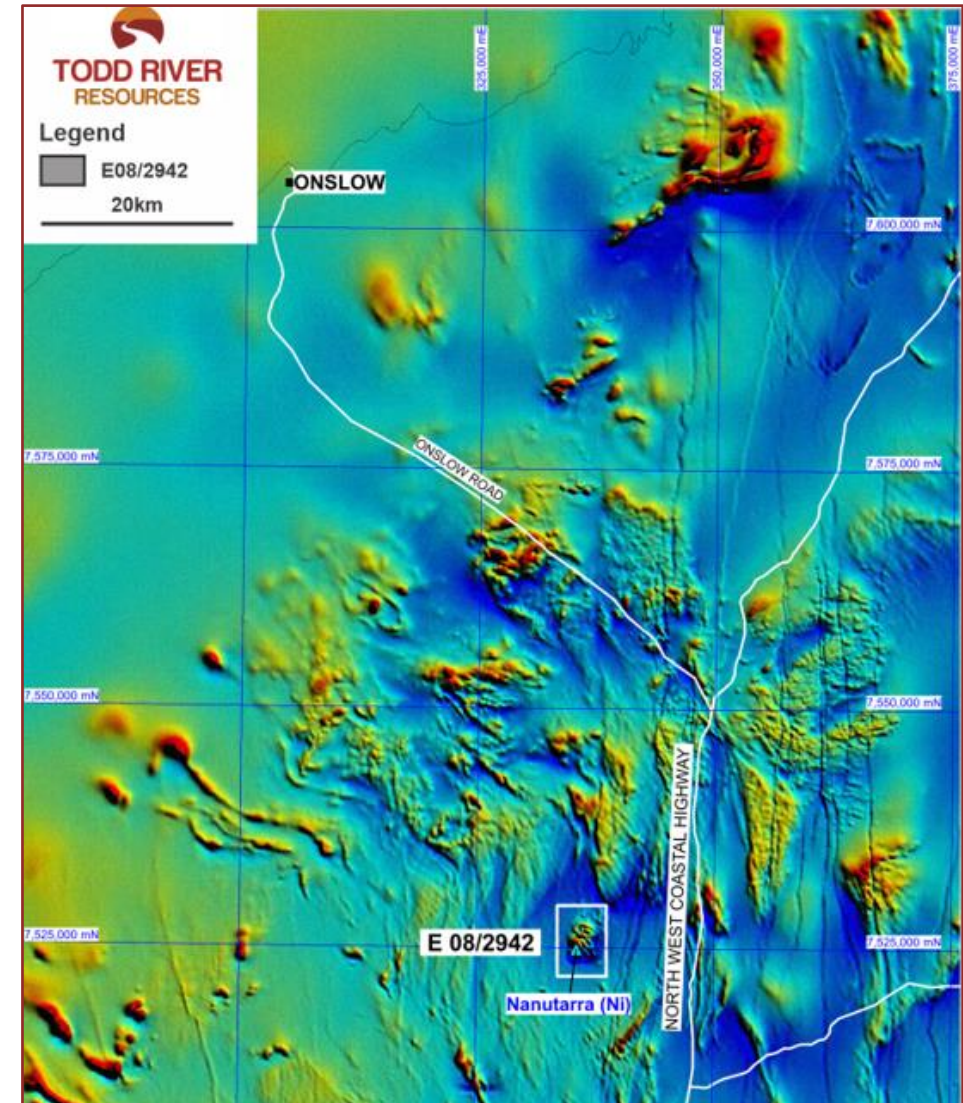


Nanutarra Project

Nickel and Copper Project | Earning up to 80%

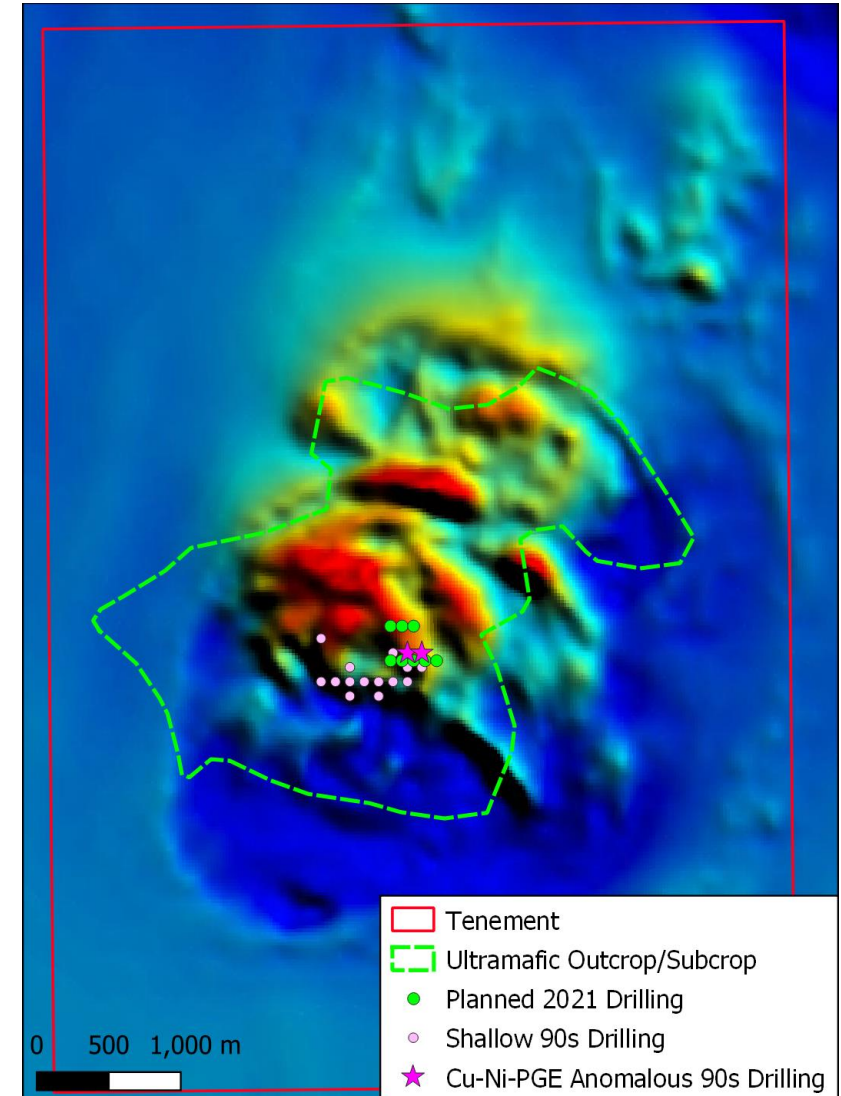
Large ultramafic intrusion

- 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
- Previous Airborne EM produced unrefined conductors



RC Drilling July 2021

- Detailed Fixed Loop EM survey completed
- Large area of increased conductance identified
- Sits adjacent to Anaconda drilling that contained anomalous (+1g/t PGE results in 2 holes)
- Heritage survey and flora survey completed in April 2021, permitting now complete
- Drilling will target previous anomalous shallow drilling – end of July 2021



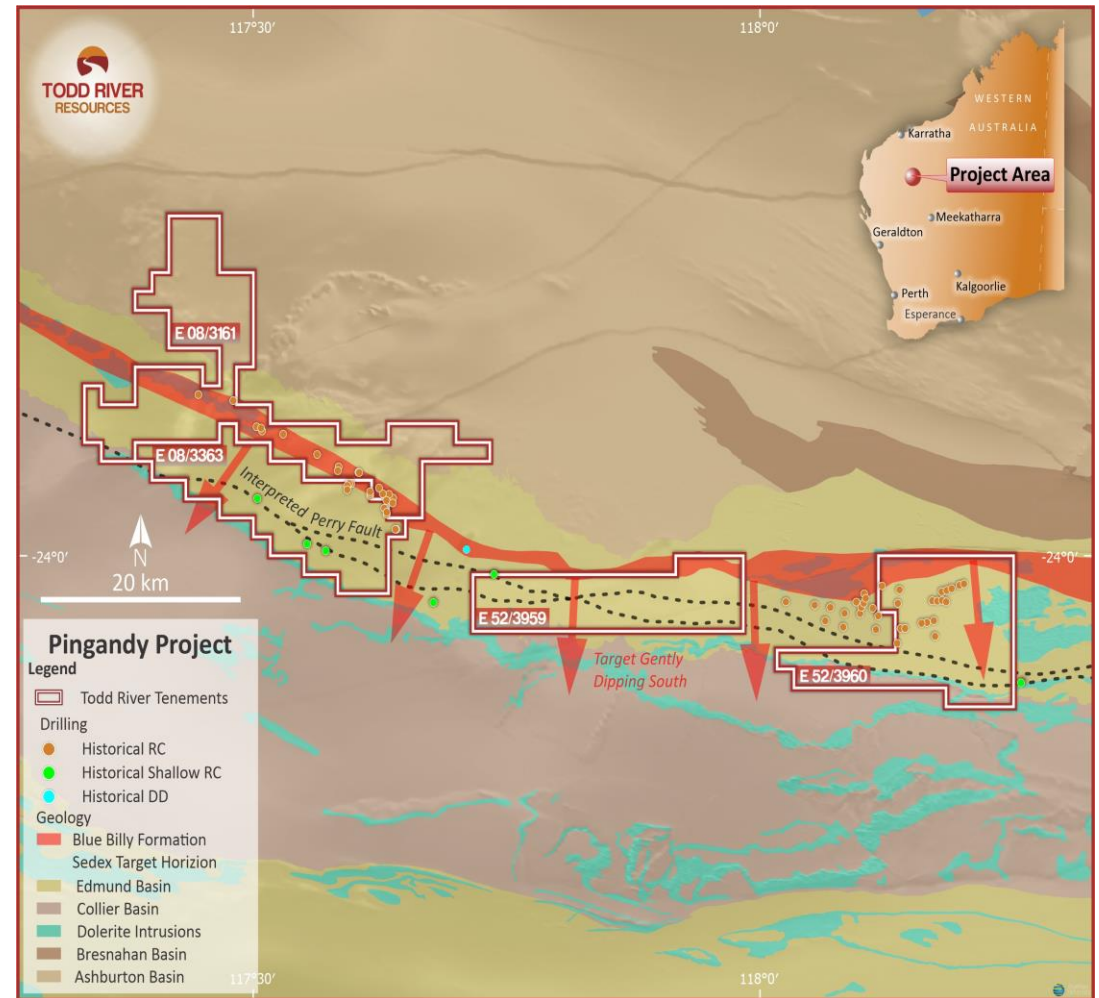


Other Projects

Petermann Range | Mt Hardy | Pingandy | Nerramyne

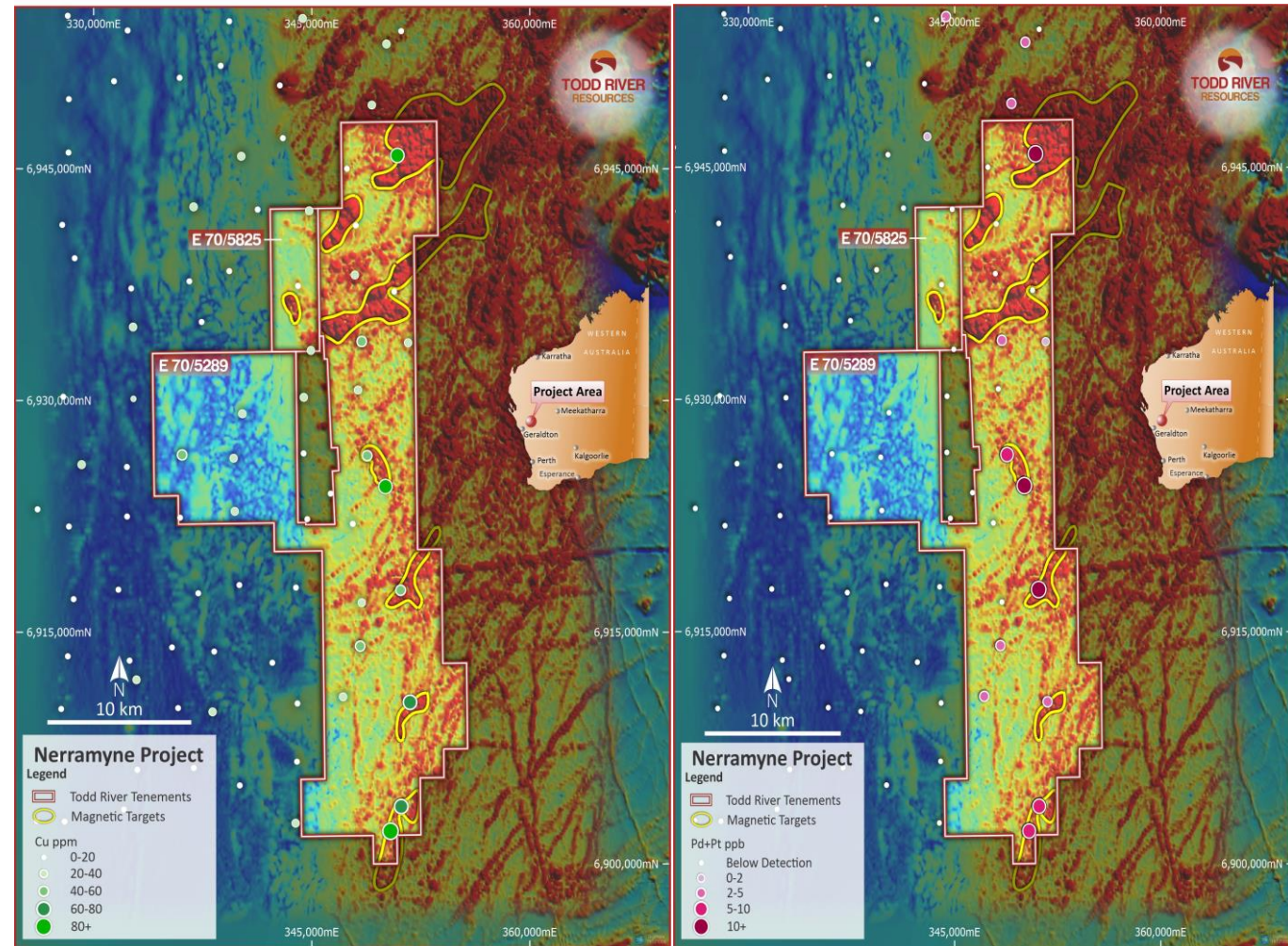
Pingandy Base Metal Projects

- 100% ownership of large landholding of 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 interpreted as the fluid source for anomalism
- Exploration to commence in September 2021 quarter with surface geochemical sampling designed to identify areas for follow up drilling and geophysics;



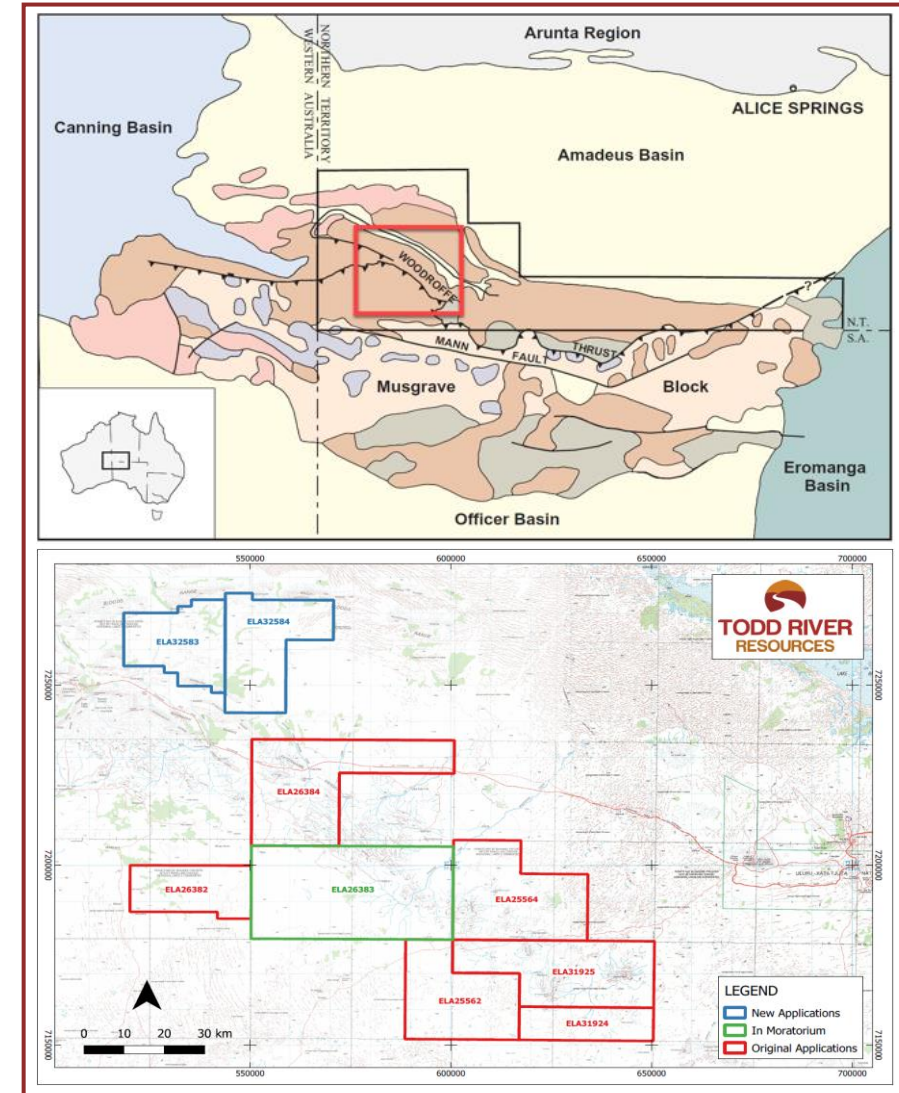
Nerramyne Copper Project

- 100% ownership of large landholding of 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 dataPrevious
- Previous exploration work is limited solely to surface geochemistry in the northern 6 kilometres of the granted tenement
- Neighbouring companies include Chalice Gold Mines, S2 Resources and AusQuest Ltd;
- Detailed sampling program due to commence during the September 2021 quarter



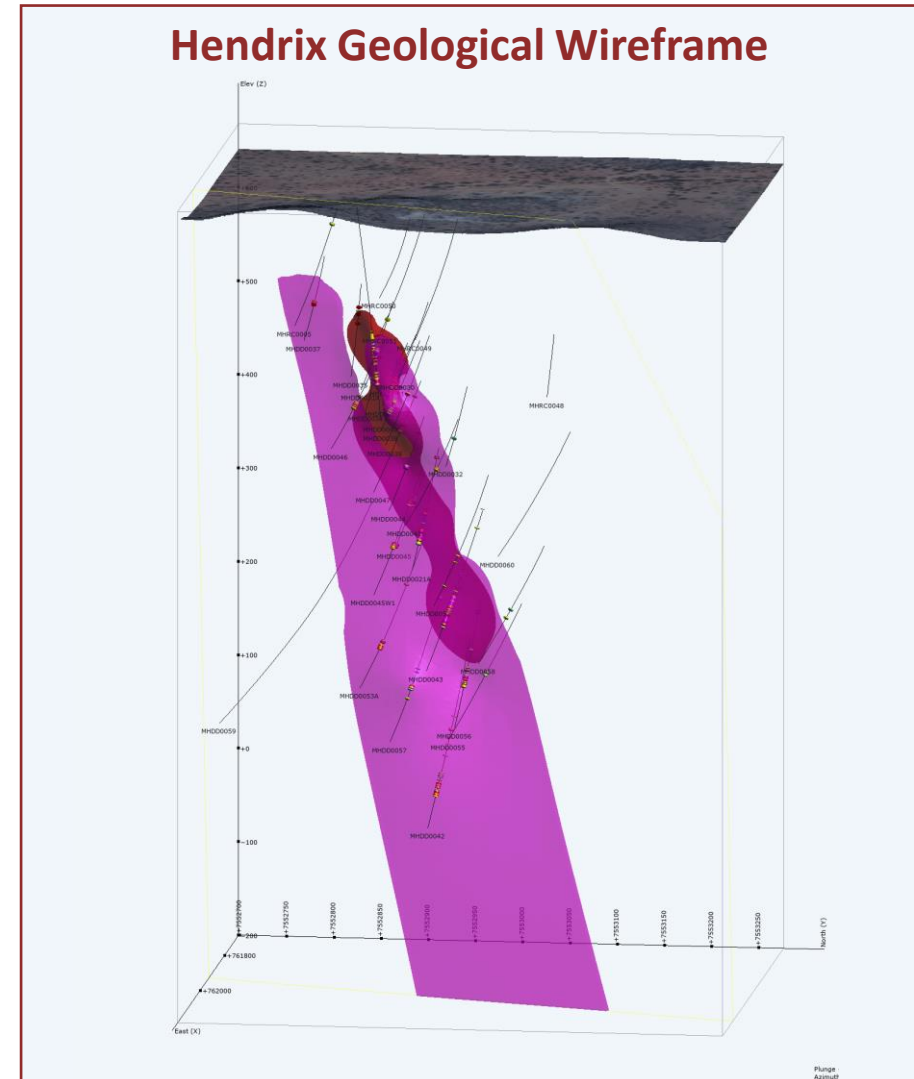
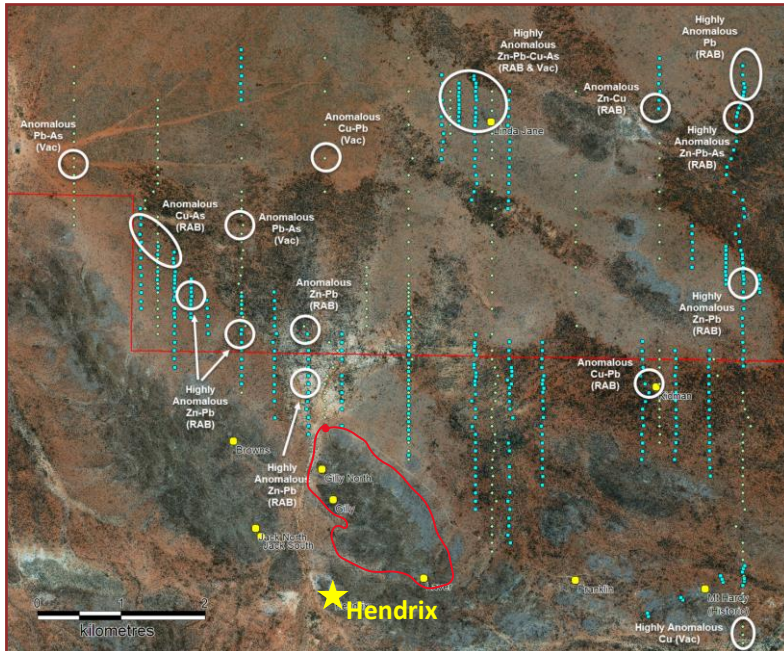
Strong Focus on NT

- Over 6,000km² of tenure under application with 3,200km² to proceed to grant pending finalisation of Exploration Agreement – **GOLD and COPPER FOCUSED**
- Largest land position in the central Musgrave Province
- No exploration activities for over 40 years
- 10 gossans over a 12 Km strike identified in 1966 – anomalous in Cu, Pd, Au, Zn, Co – only 38 shallow weathered zone drilling completed
- Currently in the final stages of negotiation with CLC and Traditional Owners for 5 applications to move to grant – meeting with CLC and TO's planned for June
- Initial exploration focus with heritage surveys, first pass mapping, broad surface sampling and geophysics planned for Q3-Q4 2021
- Frustrating delays and longer lead time but worth the wait



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 CY2021

Considered investment, focused projects



The Next Six Months

NANUTARRA (Earning up to 80%)

- Fixed Loop EM Survey – **COMPLETE**
- RC drilling of targets and DHTM Geophysics if required – **Commenced**
- Follow up as required – **late Q3 & Q4**

BERKSHIRE VALLEY (100% TRT)

- Aircore drilling of walk-up targets (Ni-Cu-PGE and Gold) – **COMPLETE**
- Systematic auger geochemical sampling – **STAGE 1 COMPLETE, EXCELLENT RESULTS**
- Follow up Aircore/RC drilling – **DURING Q4 2021 – location specific (crops)**
- Further Land Access Discussions – **ONGOING**

NERRAMYNE & PINGANDY (100% TRT)

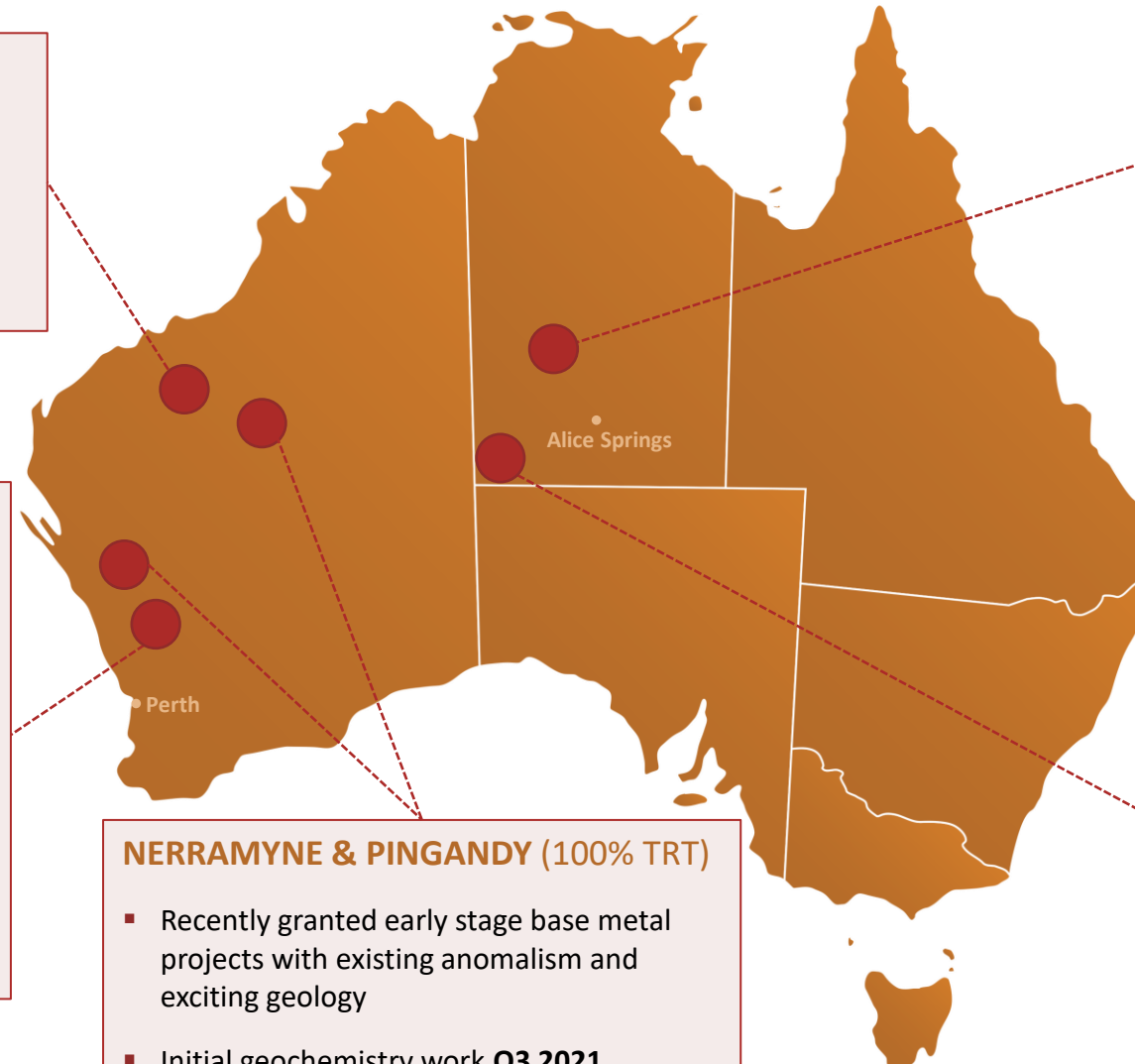
- Recently granted early stage base metal projects with existing anomalism and exciting geology
- Initial geochemistry work **Q3 2021**

Mt HARDY (100% TRT)

- Detailed Geochem over anomalous streams and tenements – **2nd half 2021**

PETERMANN RANGE (100% TRT)

- Finalisation of Exploration Agreement – **Q3/Q4 2021**
- Initial gold focussed field work in **Q2/Q3 2022**



Investment Highlights



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