



Todd River Resources

Noosa Virtual Mining Conference Presentation

High Impact Exploration throughout Australia

NICKEL-COPPER-PGE
Berkshire Valley, WA (100%)



NICKEL-COPPER-
Nanuatarra, WA (Option)



GOLD-COPPER-NICKEL
Petermann Range, NT (100%)



COPPER, ZINC, LEAD, SILVER
Mt Hardy, NT (100%)



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- Release authorised by Will Dix, Managing Director.

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
 - “TRT Purchases Option over Prospective Nickel Project” lodged on 4 October 2019
 - “New Areas of base Metal Anomalism Identified at Mt Hardy” lodged on 21 November 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

which are 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 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.

Capital Structure*

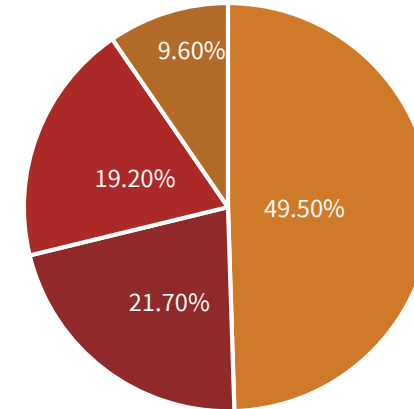
ASX Code	TRT
Shares on Issue	345.5m
Options on Issue	14.9m
Share price (13 July 2020)	3.6cps
Market Capitalisation	\$13.1m
Cash (31 March 2020)	\$1.6m
Enterprise Value	\$11.6m

* All data is presented on a post-acquisition basis (see ASX announcement 1 July 2020)

Investment Overview

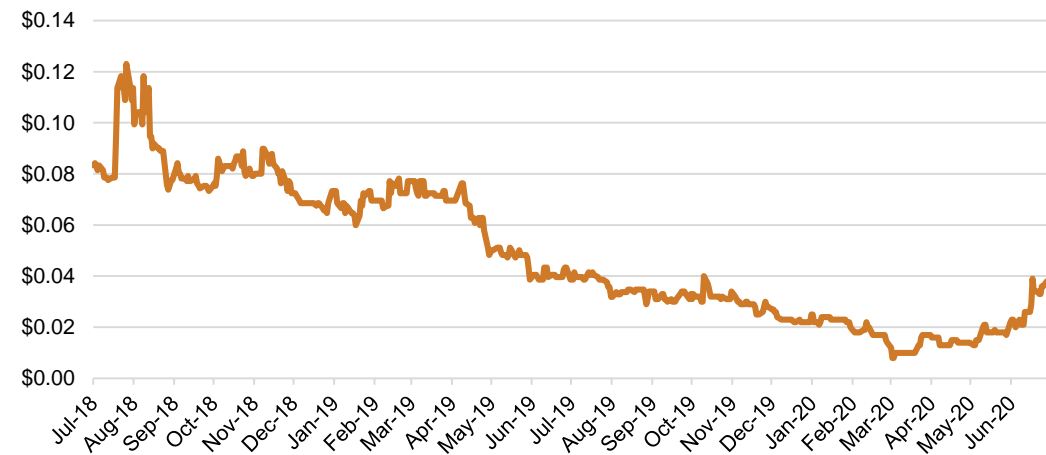
- Key assets include three 100% owned projects and option over a fourth which provide exposure to large, geologically robust unexplored projects throughout Western Australia and the Northern Territory
- Recent acquisition underpins aggressive Ni-Cu-PGE exploration focus in Western Australia on a highly prospective un-explored belt of mafic and ultramafic intrusions with the potential to host “Julimar style” mineralisation
- Experienced Exploration Board featuring **Will Dix** (MD), **Dr Mark Bennett** (Sirius) and **Ian Murray*** (Goldroad)
- Extremely strong share register with the Top 20 owning approximately 70% post transaction

Major Shareholders*



- Other Shareholders (49.5%)
- S2 Resources, ASX S2R (through Southern Star Exploration) (21.7%)
- Marlee Minerals (19.2%)
- Moonknight (9.6%)

Share Price History



NANUTARRA (12 month Exclusive Option)

- Large unexplored ultramafic intrusion prospective for Ni-Cu-PGE sulphides
- Large fixed loop TEM survey commencing in the first week of August with follow up drilling on specific targets thereafter
- Drilling will be co-funded by WA government initiative
- TRT can earn up to 80% by exercising option for \$25K in shares and spending A\$2M over 3 years

BERKSHIRE VALLEY (100% TRT)

- Recent acquisition of highly prospective Ni-CU-PGE tenure 100km north of Julimar discovery (ASX:CHN)
- 42km chain of mafic and ultramafic intrusions
- Previous exploration by IGO but only for gold
- **Coincident Ni-CU-PGE anomalism** identified in auger sampling within 8km sampled window
- Anomalous Ni and Cu also in limited aircore drilling
- No EM coverage along the chain of intrusions

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 follow up all with base metal intersections



PETERMANN RANGE (100% TRT)

- Large Land position (5,000Km²) in the Central Musgrave Province
- Un-explored region of the Musgraves (40yrs)
- Final stages of negotiation with CLC on Exploration Agreement
- Initial field work in Q2 2021

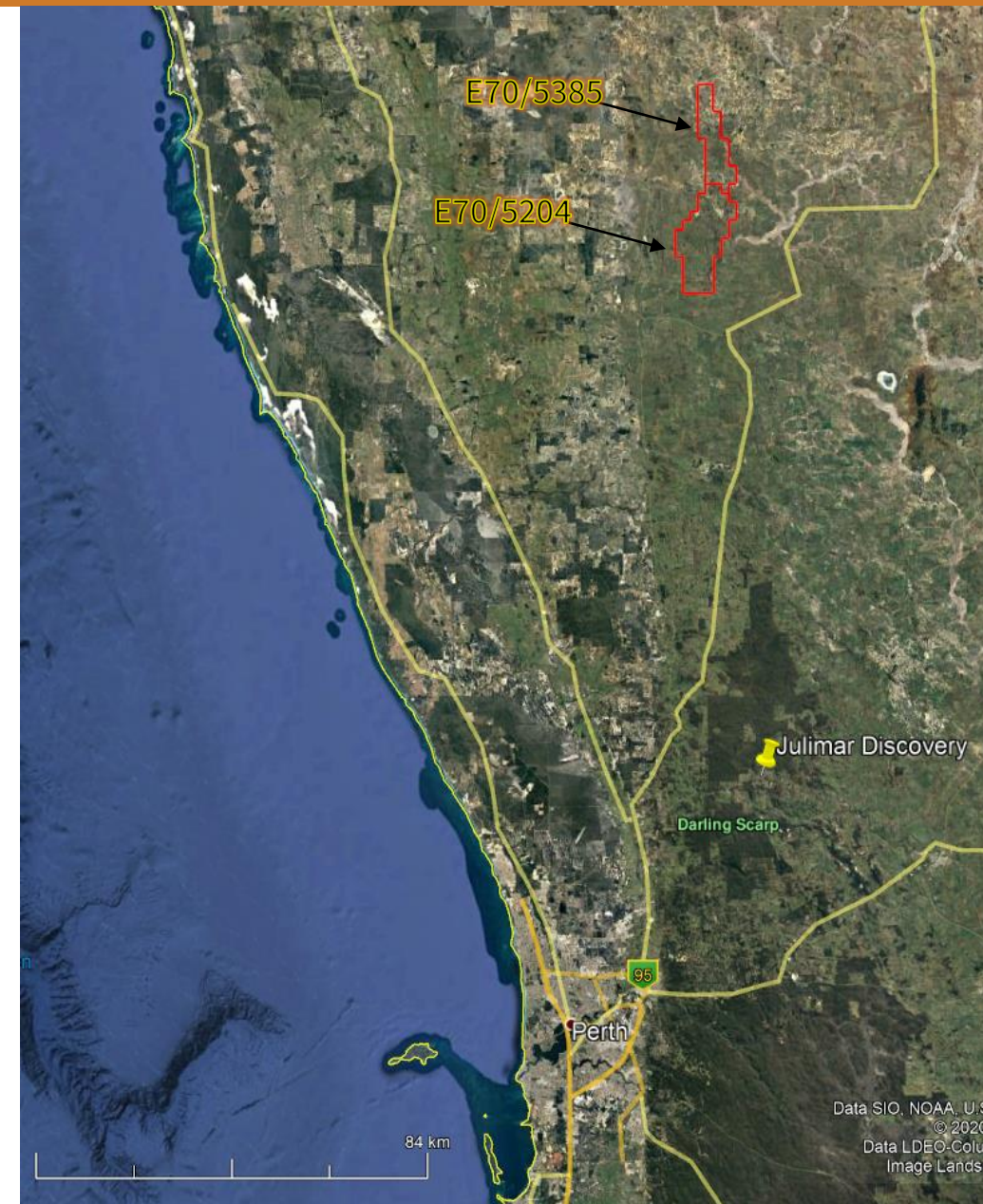
Upcoming Activity Timeline

Project	August	September	October	November	December	Q1 2021	Q2 2021
Nickel-Copper-PGE - Berkshire Valley	Re-assay of pulps and Land Access				Initial Drilling of Geochem and Geophysical Anomalies		
		Commence EM Surveys				Systematic Geochem Sampling and Geophysics	
Gold- Berkshire Valley			Extensional and infill Geochem Sampling			Aircore Drilling of Geochem Anomalies	
Nickel-Copper-PGE - Nanutarra	Fixed Loop EM Survey						RC/DDH Drilling
		RC/DDH Drilling					
Gold-Copper-Nickel - Petermann Range					Finalisation of CLC Land Access Agreement		
						Initial Geophysics and Sampling	
Copper-Zinc-Silver - Mt Hardy				Aircore Drilling of Northern Targets			Follow Up RC/DDH
CORPORATE	EGM to approve Acquisition				AGM	Nanutarra Option	

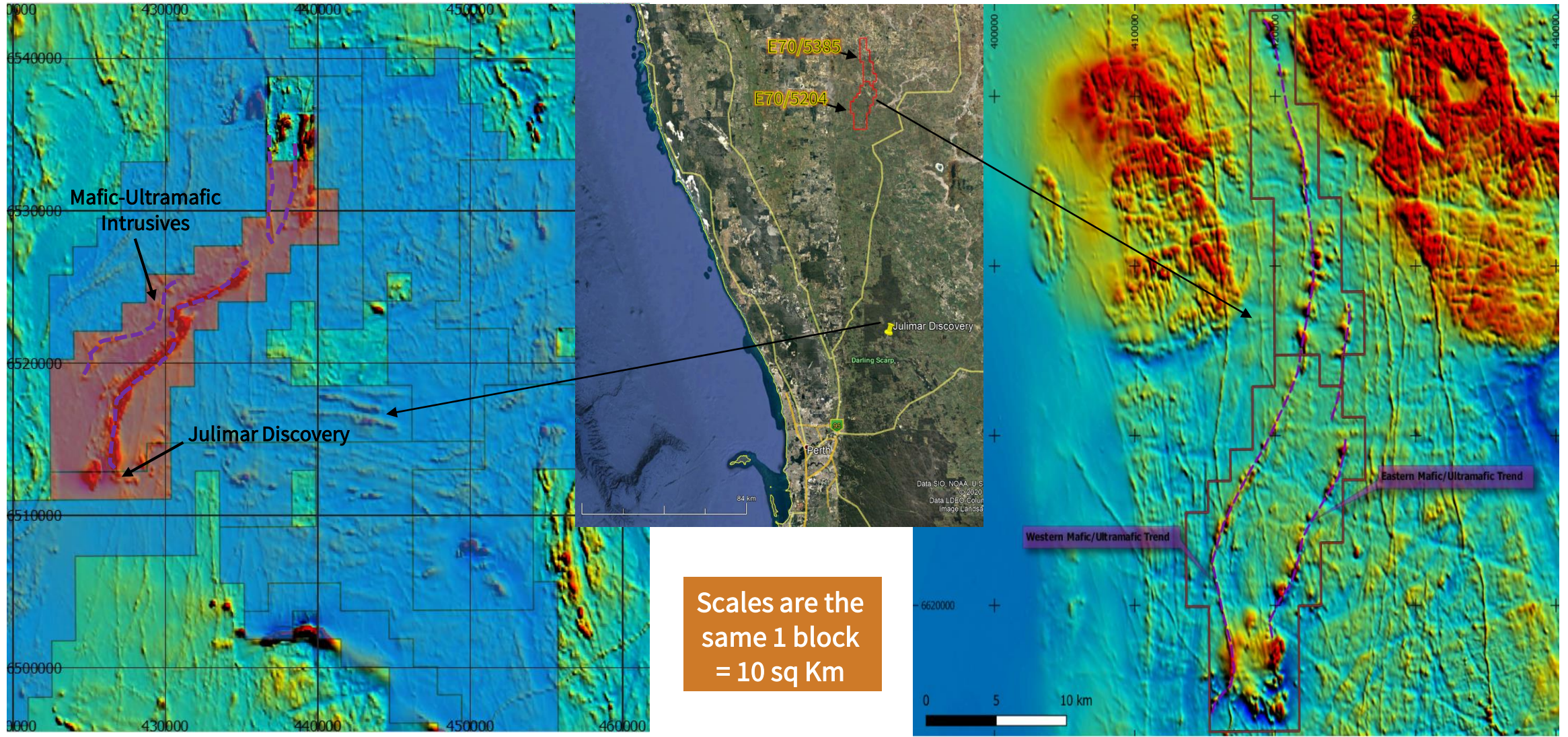
New Acquisition in Western Australia

Berkshire Valley

- 100km north of Chalice's Julimar discovery and only 160km north of Perth
- 270km² granted tenure +40Km strike of target stratigraphy
- Almost exclusively private freehold farmland – require access permission
- Extensive public road network and farm tracks for ease of access
- Associated anomalous Ni-Cu-PGE identified from IGO database
- PGE assays only patchy – not completed on all auger geochemical samples



The extent of mafic-ultramafic rocks at Berkshire Valley based on magnetic imagery and interpretation are comparable in size to the sequence of intrusives at CHN's Julimar discovery



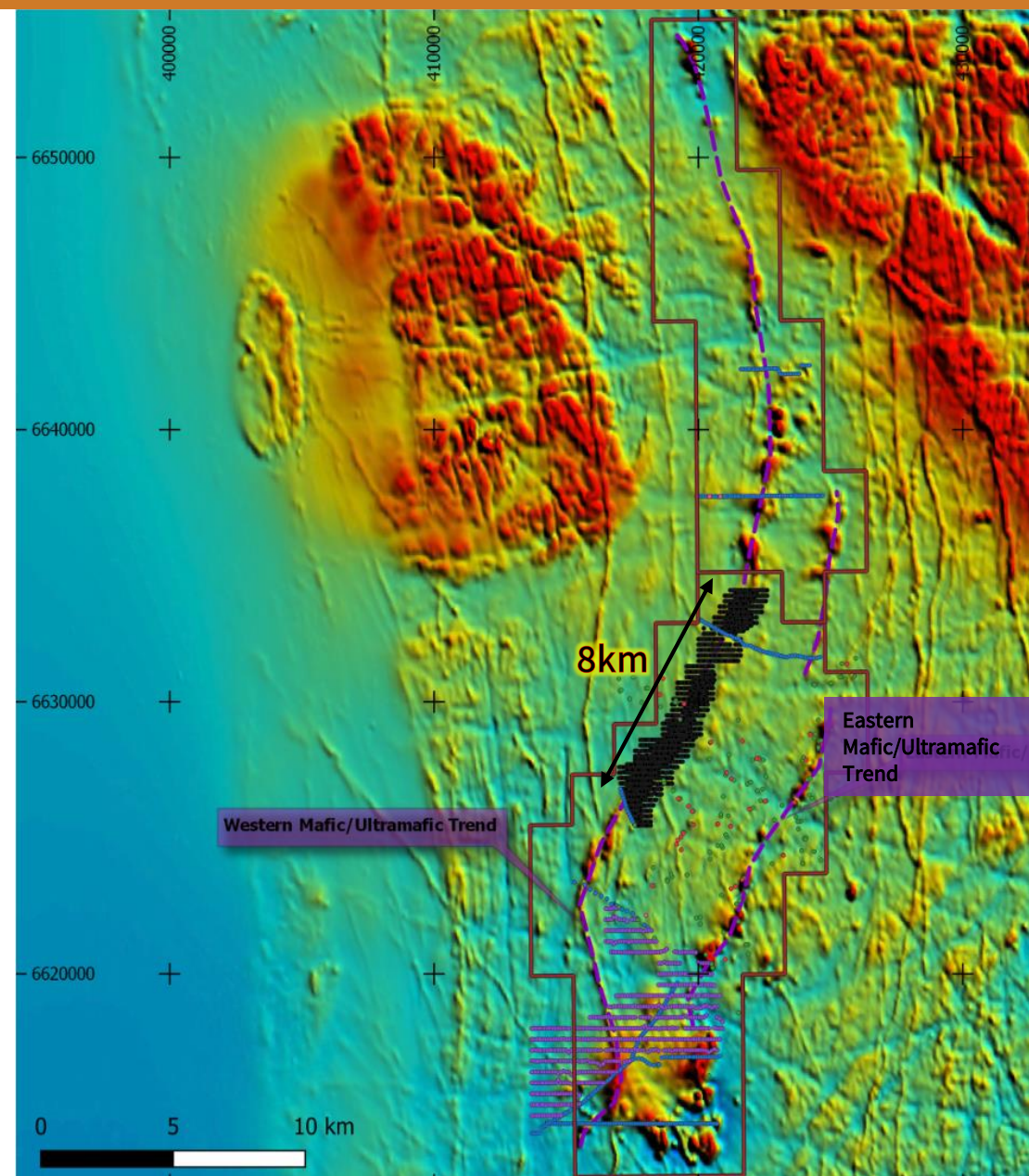
Scales are the same
1 block = 10 sq Km

Berkshire Valley

Berkshire Valley – Previous Exploration

IGO Sampling Coverage

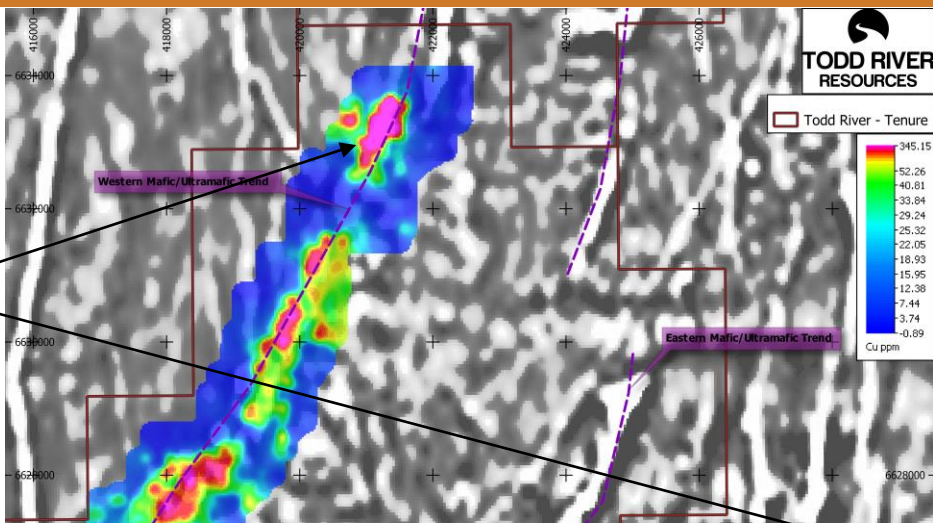
- Independence Group Limited explored for gold 2006-2009
- Main coverage is along 8Km of strike of the “western trend”
- Mainly auger geochemical sampling with limited aircore/RAB and only 12 RC holes
- “Eastern” and “Northern” trends almost completely unexplored
- 2020 exploration program planning well underway – to be refined over the off-season



Copper

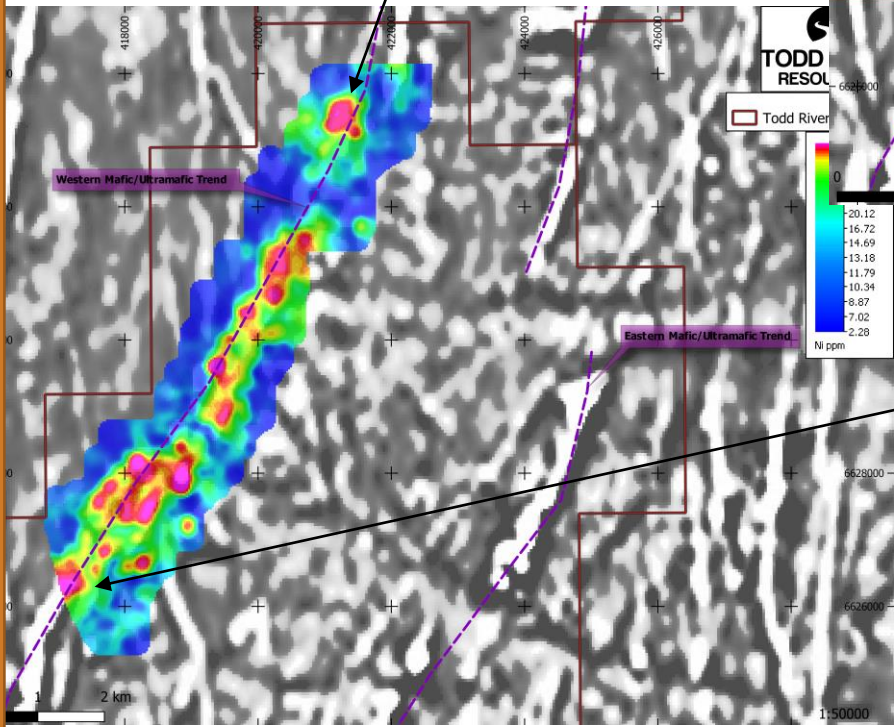
Strong coincident Ni-Cu anomaly with **no PGE** assaying

Eastern Trend and southern part of the Western Trend not sampled at all

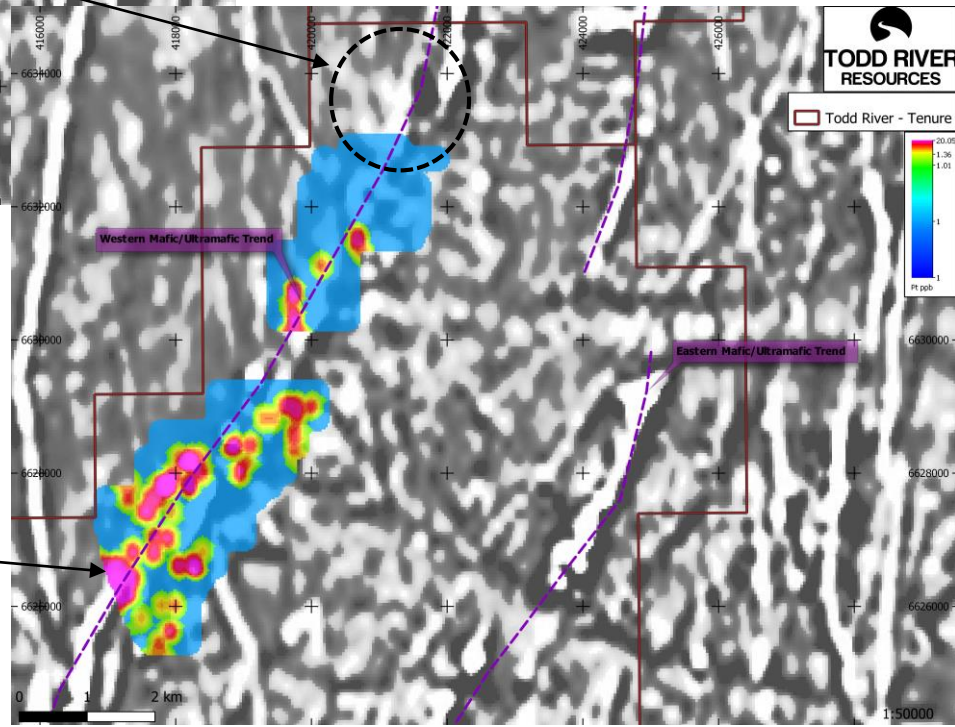


Nickel

Ni-Cu-PGE anomaly on the southern edge of the sampled area



Platinum

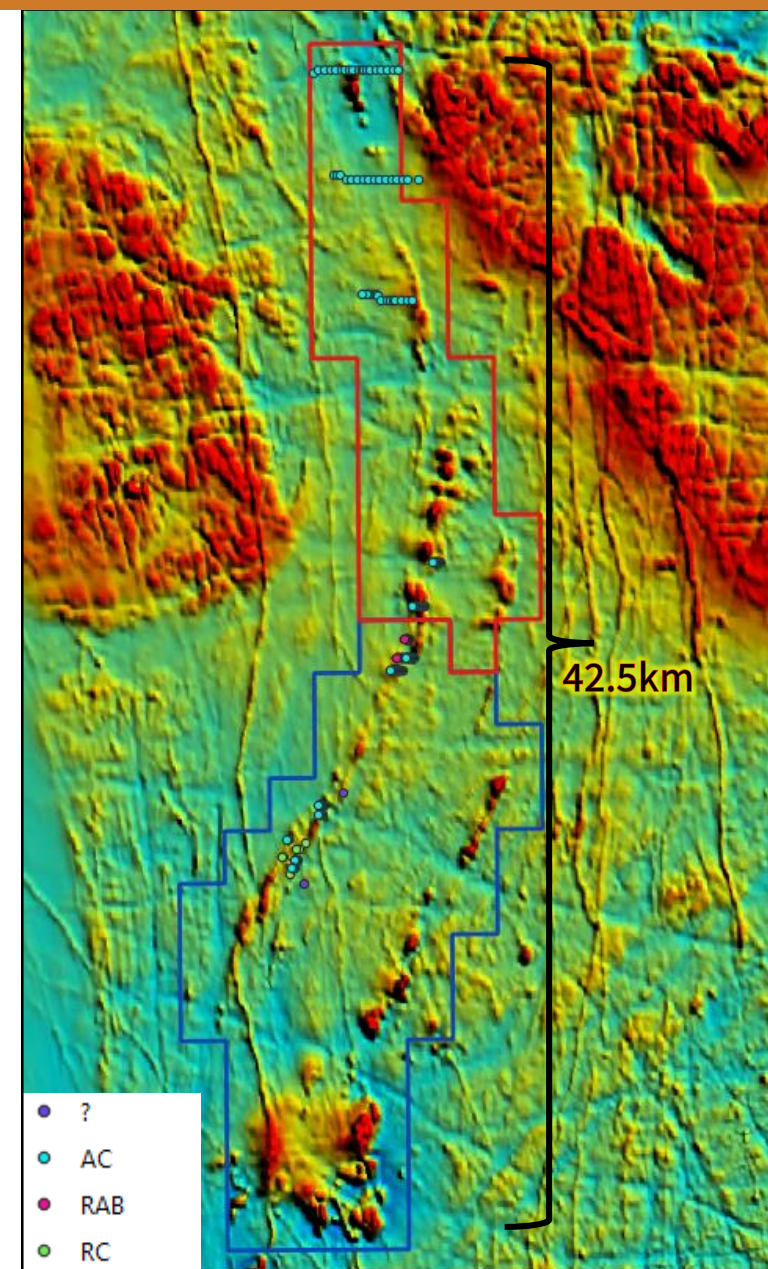


Berkshire Valley

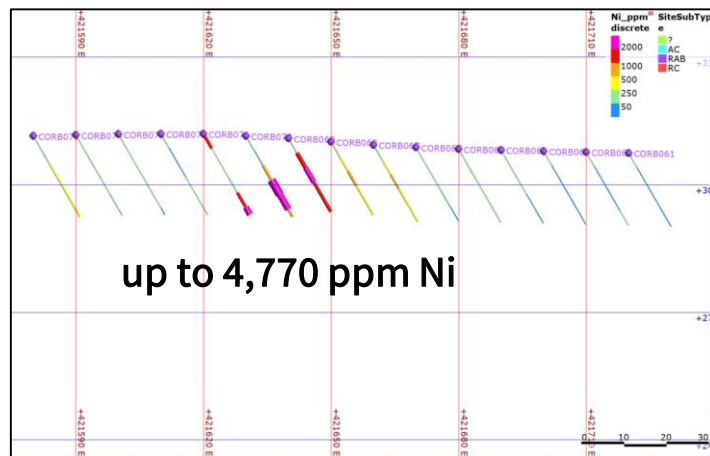
Berkshire Valley – Previous Exploration

IGO Aircore Drilling

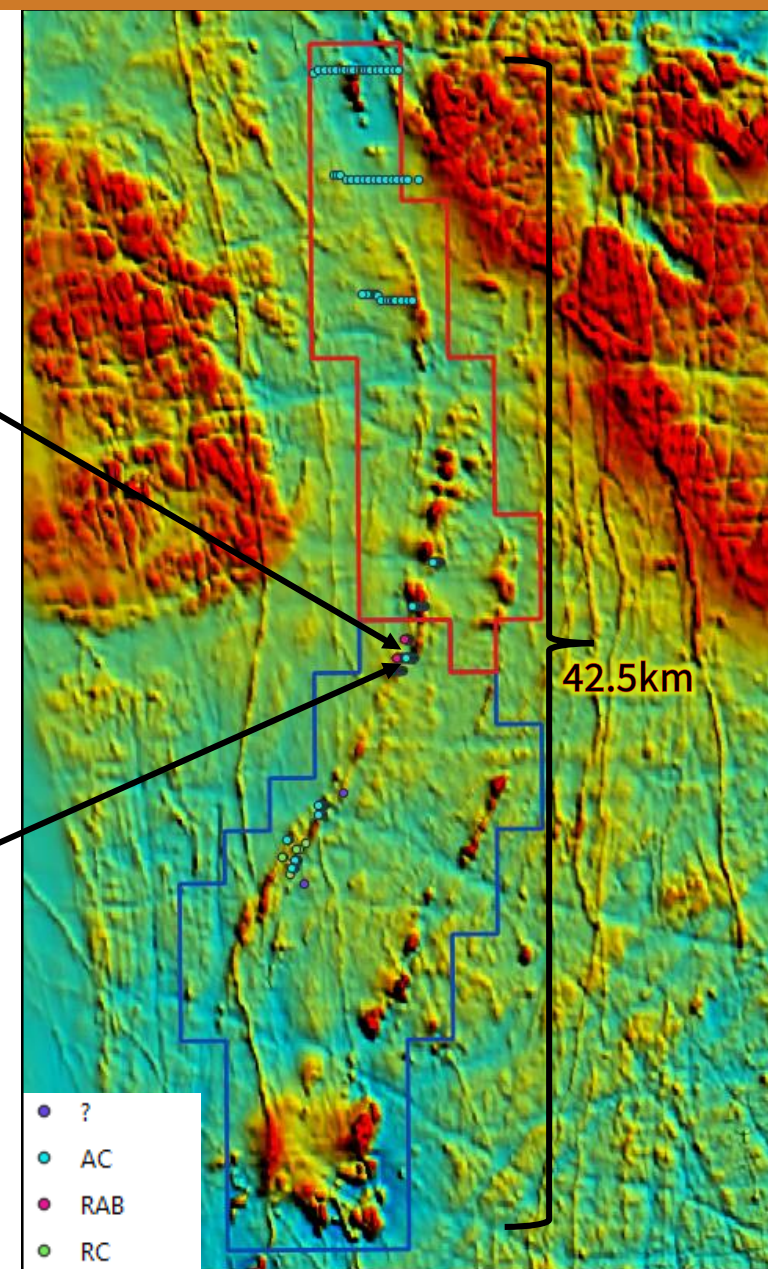
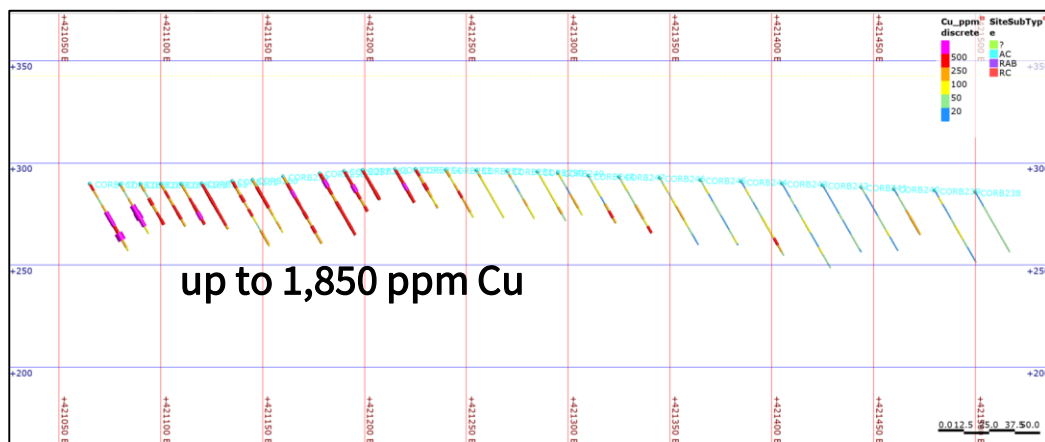
- Very Limited and incomplete Aircore/RAB drilling **targeting gold** in auger anomalies
- Only 116 RAB/Aircore holes drilled in total with average depth of 14m
- Inconsistently assayed in terms of elements and also methods
- Despite this several zones of anomalous Ni and Cu have been identified
- Potential to acquire pulps from IGO and re-assay for full PGE suite



IGO Aircore Drilling



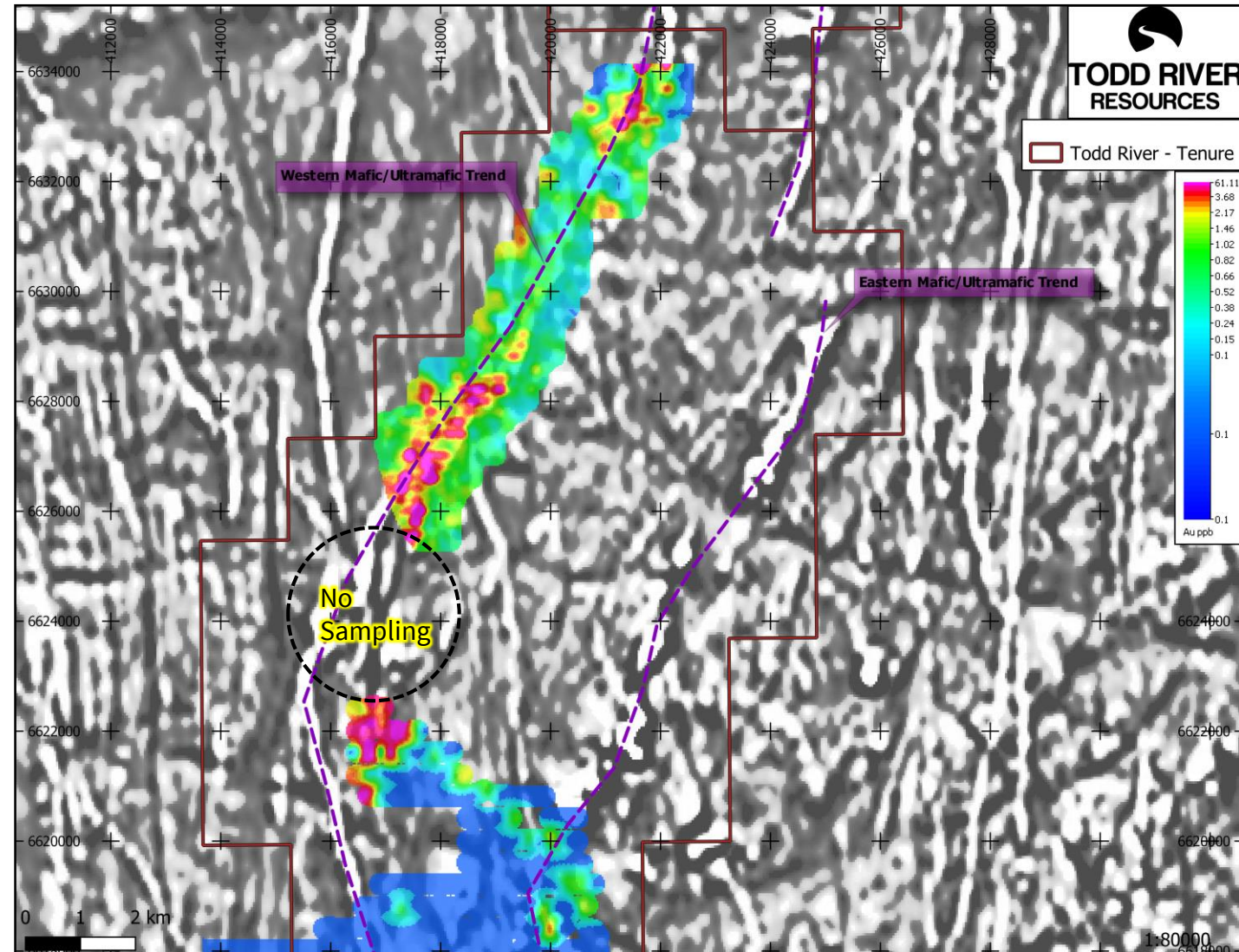
- Ni and Cu anomalism identified in aircore drilling in an area WITHOUT PGE assays
- Area of immediate follow up work in 2H 2020 once land access is available



Berkshire Valley – Previous Exploration

Gold Exploration

- Multiple gold anomalies in soil geochemistry require follow up
- Total of 128 drillholes completed over the project including 12 RC
- Average depth of RAB/Aircore hole is 14m
- Over 50% of the project remains completely untested for gold mineralisation
- Best 2 anomalies bracket an area that has no sampling through it (previous land access issue)
- Gold exploration to commence in parallel with Ni-Cu-PGE exploration

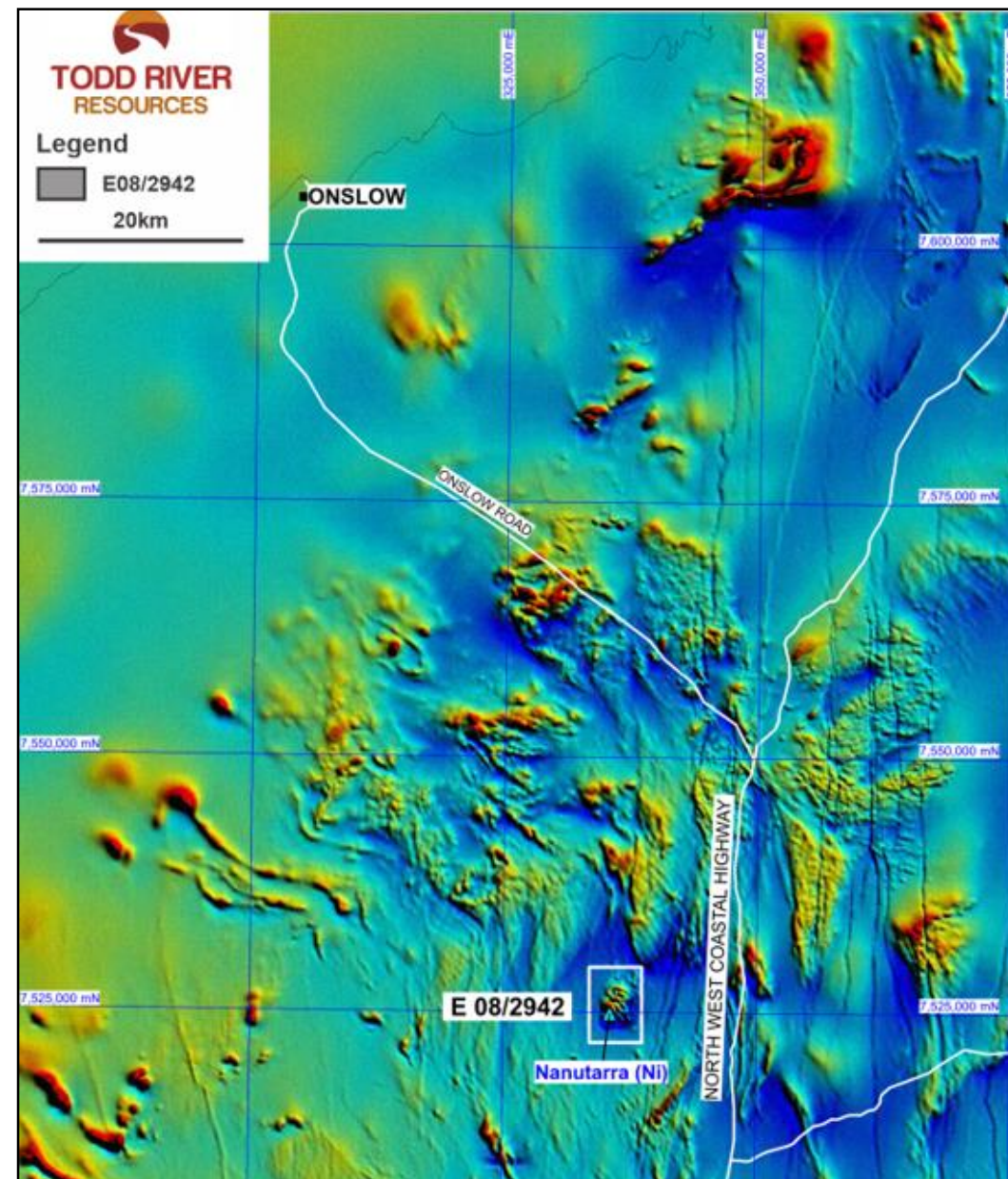


Berkshire Valley

Nanutarra Nickel:

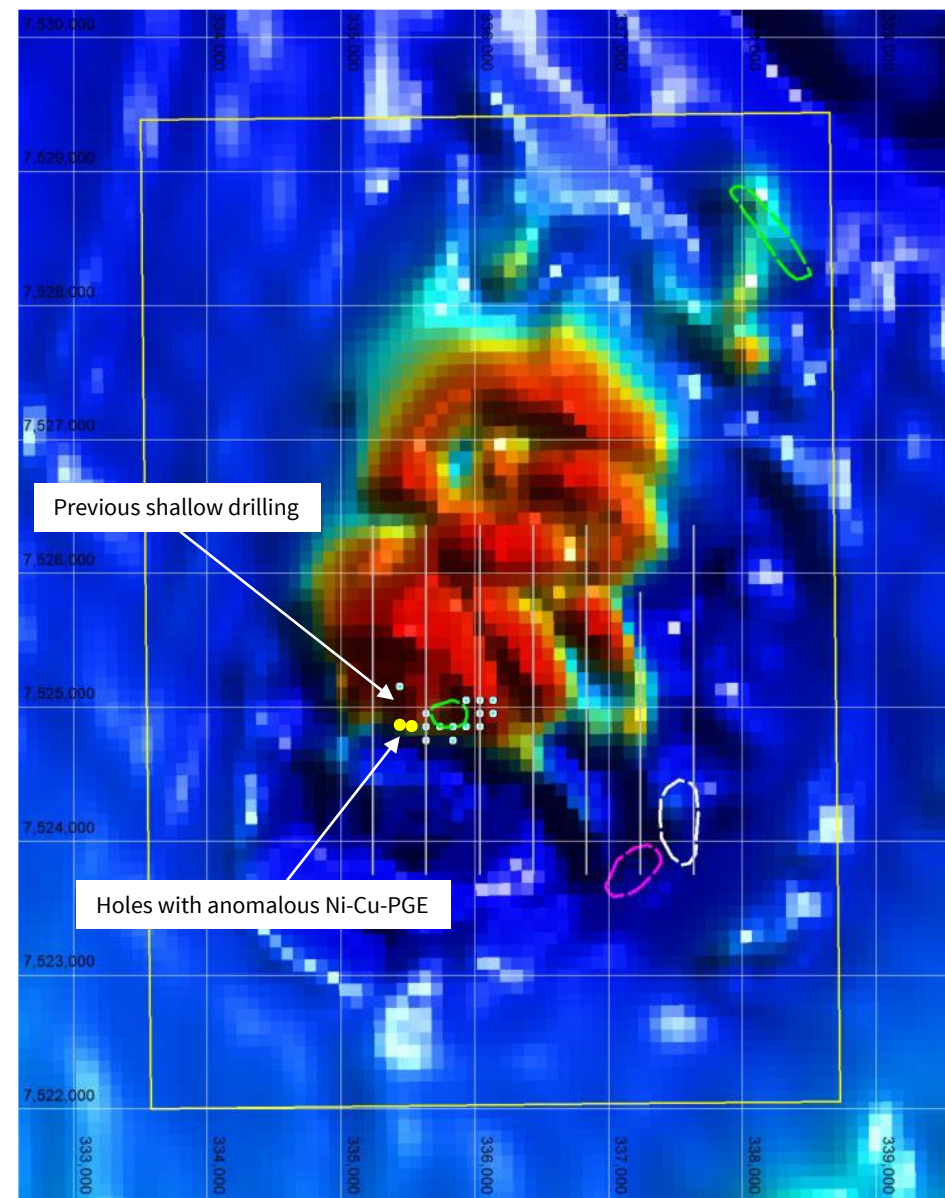
Large Ultramafic Intrusion

- TRT has exclusive option to earn up to 80% by spending \$2M over 3 years on exploration
- 9km² partly exposed Proterozoic mafic-ultramafic intrusion
- Permissive environment for Ni-Cu-PGE sulphides
- Strongly anomalous Ni-Cu-PGE pathfinder geochemistry in shallow laterite drilling (Anaconda Nickel – WAMEX a59853)
- Previous Airborne EM produced unrefined conductors (requires follow-up)



Nanutarra Nickel: Large Ultramafic Intrusion

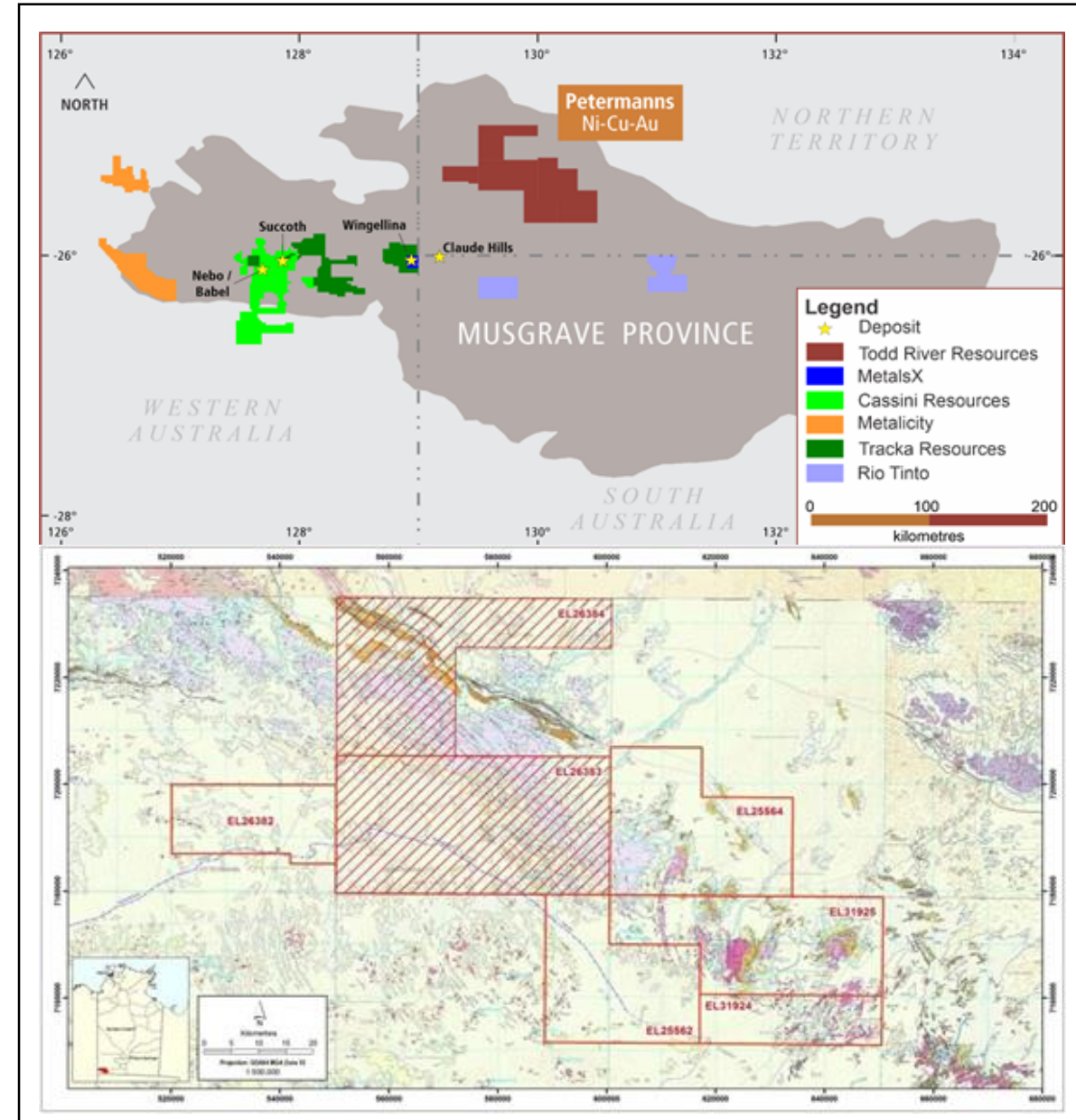
- Detailed Fixed Loop survey to be completed in August
- Follow-up drilling (part funded by WA government initiative) scheduled for September/October
- Drilling will target refined conductors from FL survey and previous anomalous geochemistry
- Focus will be intrusive margins particularly in the south



GSWA Magnetics suggesting multi-phase intrusion

Todd River Resources: Strong NT Focus Ongoing

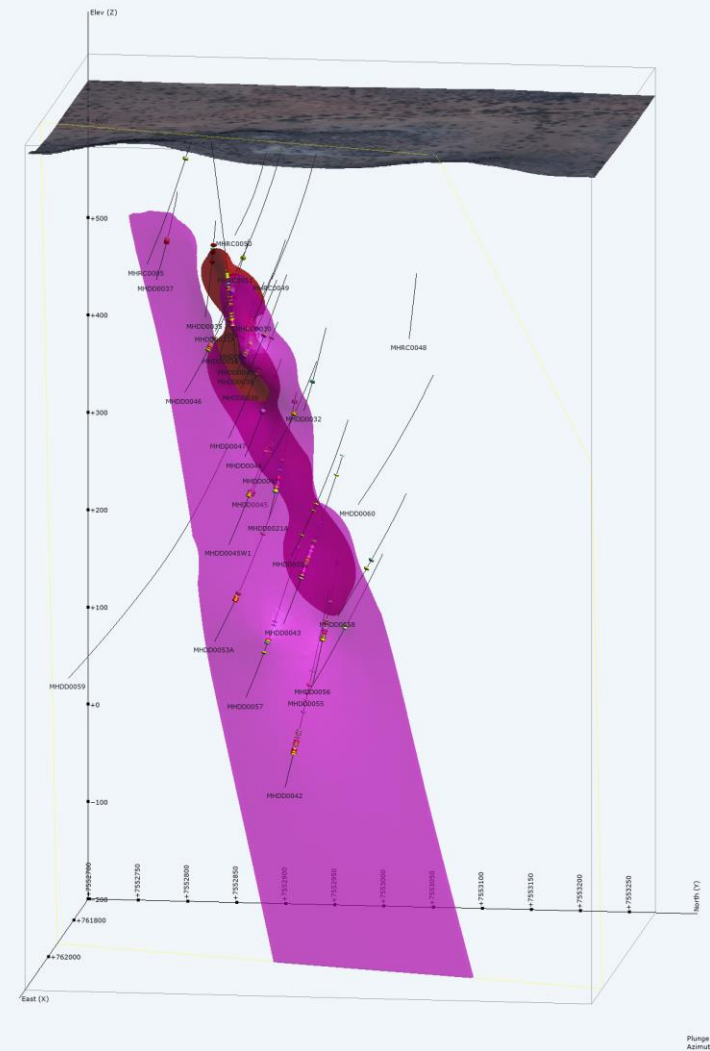
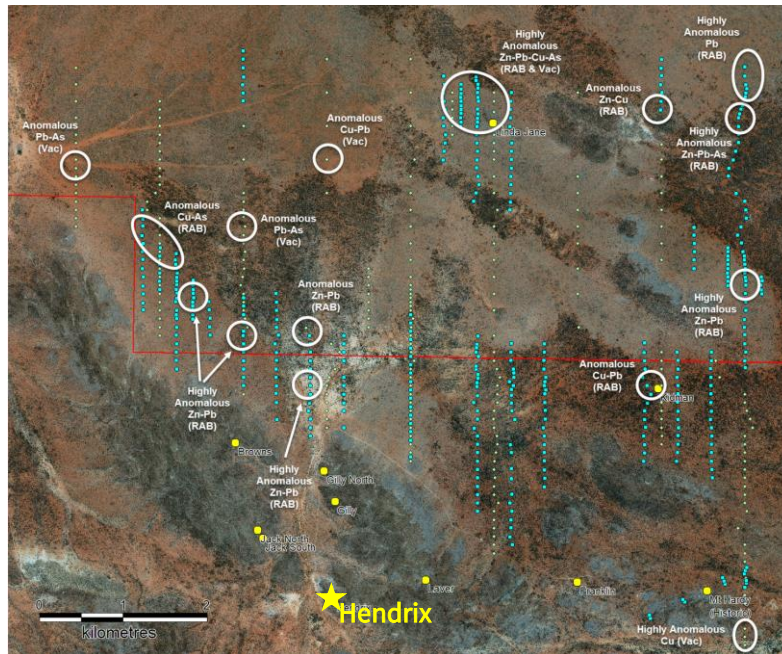
- 5,100km² of tenure, 2,800km² proceeding to grant
- Significant land position in the central Musgrave Province
- No exploration activities for over 40yrs
- Currently in the final stages of negotiation with CLC and Traditional Owners
- First pass mapping, broad surface sampling and geophysics planned for 2021
- Longer lead time but elephant country



Petermann Range

Hendrix and Regional Exploration

- Mineral Resource estimate at Hendrix 2.6Mt @ 10.5% Zn Equivalent*
- Solid foundation for growth at Hendrix, which is open at depth and to the south
- Multiple regional targets successfully tested with first pass RC drilling in 2019
- Large northern portion of the project still relatively underexplored



Hendrix Geological Wireframe

Mt Hardy

TRT – The Next 6 months:

- Landholder access and re-assay of available pulps for PGE's at Berkshire Valley – **July/August**
- Fixed Loop EM Survey at Nanutarra - **August**
- Drilling at Nanutarra - **September**
- Initial geophysics and drilling at Berkshire Valley – **September/October/November**
- Results driven follow up drilling at Berkshire and Nanutarra – **December and Q1 2021**
- Aircore Drilling over the northern tenements at Mt Hardy - **October**
- Completion of Exploration Agreement for Petermann Range and initial Field work – **Q1 2021**



TODD RIVER RESOURCES

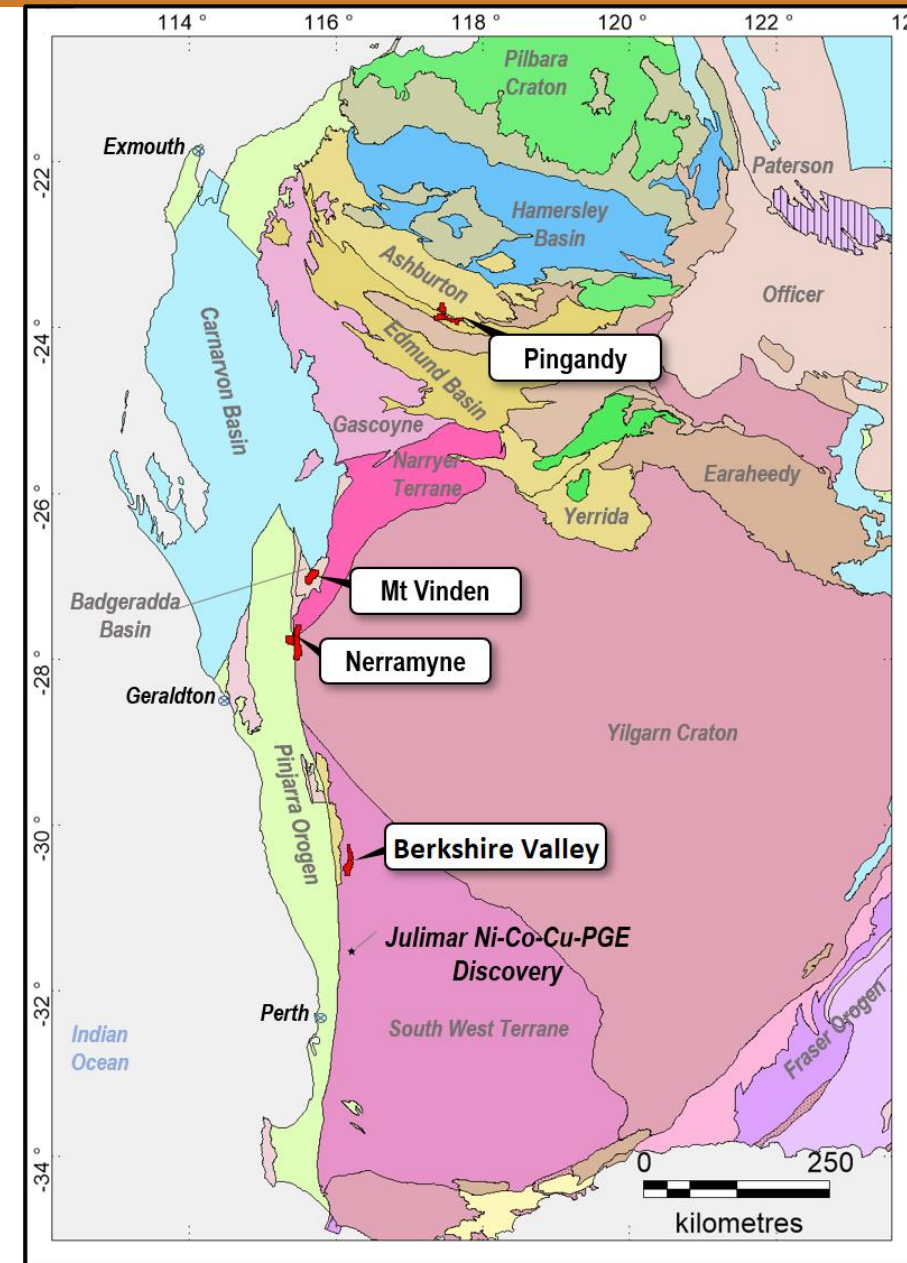
Will Dix - Managing Director

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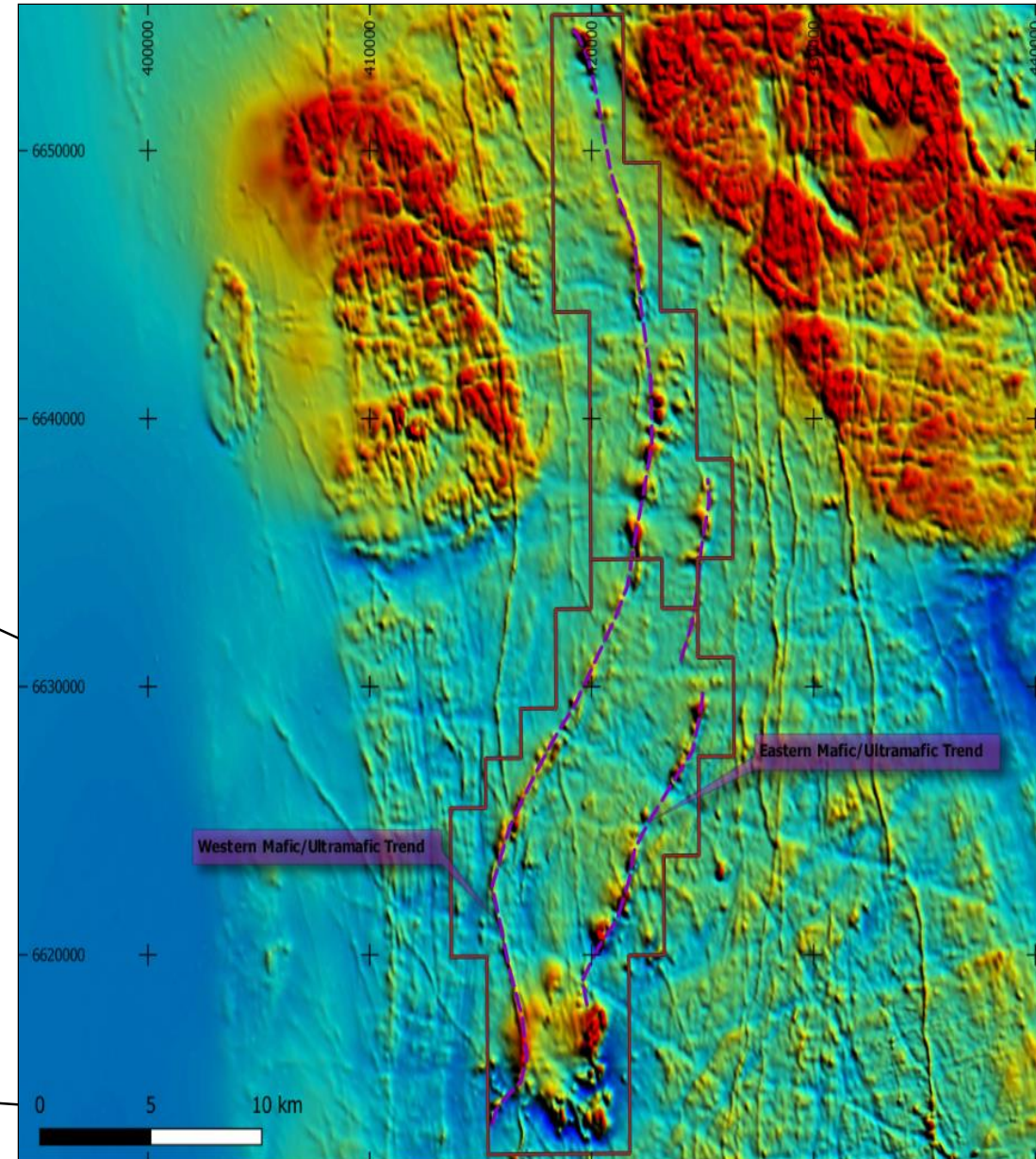
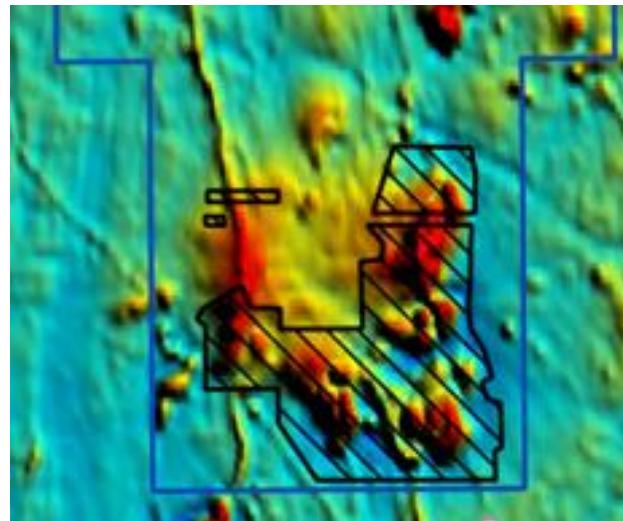
Other Marlee Base Metals Projects Acquired in June 2020

- 3 large tenement applications over targets generated by Marlee Minerals
- Mt Vinden – magmatic Ni-Cu-PGE target in the Badgeradda Basin 160km northeast of Kalbarri
- Nerramyne – a basin margin copper project 125km northeast of Geraldton
- Pingandy – a Sedex copper target in the Edmund Basin 220km southwest of Newman



Berkshire Valley – MLTEM

- 28 lines of MLTEM coverage focusing only on the southern magnetic feature (<10%)
- Coherent late time anomalies exist on 2 lines – attributed to thickening overburden
- No obvious bedrock conductors identified in the limited surveying
- 38km of strike remain completely unsurveyed



Berkshire Valley

Hendrix Inferred Resource

		Metal Grade					Metal Tonnes			
Cutoff Zn %	Tonnage	ZnEq %	Zn %	Cu %	Pb %	Ag g/t	Zn (t)	Cu (t)	Pb (t)	Ag (oz)
0.5	2,700,000	10.3	6.5	0.9	1.5	34	176,000	23,200	40,000	3,000,000
1.0	2,600,000	10.4	6.6	0.9	1.5	34	175,000	22,700	40,000	2,900,000
1.5	2,600,000	10.5	6.7	0.9	1.5	35	175,000	22,500	40,000	2,900,000
2.0	2,500,000	10.7	6.8	0.9	1.6	35	173,000	22,000	40,000	2,900,000
2.5	2,500,000	10.8	7.0	0.9	1.6	35	172,000	21,500	39,000	2,800,000
3.0	2,400,000	11.0	7.1	0.9	1.6	36	170,000	21,100	38,000	2,800,000
3.5	2,300,000	11.2	7.2	0.9	1.6	36	167,000	20,600	37,000	2,700,000
4.0	2,200,000	11.5	7.5	0.9	1.6	37	162,000	19,900	35,000	2,600,000
4.5	2,000,000	12.0	7.8	1.0	1.7	39	153,000	18,800	34,000	2,400,000
5.0	1,700,000	12.7	8.2	1.0	1.8	41	142,000	17,300	32,000	2,300,000

***Note:** Zinc Equivalent (ZnEq%) is based on the following formula:

$$\text{ZnEq \%} = \text{Zn\%} + (\text{Cu\%} \times (5900/2550)) + (\text{Pb\%} \times (1900/2550)) + (\text{Ag ppm} \times ((15/31.103475)/(2550/100)))$$

Where:
 Zn = \$2,550 USD/ tonne
 Cu = \$5,900 USD / tonne
 Pb = \$1,900 USD / tonne
 Ag = \$15 USD / ounce

Appropriate rounding has been applied.