



TODD RIVER RESOURCES

ASX Code: TRT



RRS Lunch Series, September 2018 – Will Dix, CEO.

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COMPETENT PERSON'S STATEMENTS

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

“Positive Conceptual Mining Study Completed on Manbarrum Zinc-Lead Project NT”, lodged on 10 April 2018

“Strong down-hole EM targets identified at Mount Hardy Copper Project” lodged on 13 September 2017

“Large Electromagnetic targets delineated McArthur Project” lodged on 20 November 2017

“Prospective Rover Copper Gold Tenements Secured” lodged on 2 August 2017

“Stokes Yard mapping outlines high-grade copper, zinc and lead potential” lodged on 28 August 2017

“Assay Results Confirm High Grade Discovery at Mount Hardy” lodged on 20 June 2018

“High Grade Assays Confirm Base Metal Discovery at Mt Hardy” lodged on 2 August 2018,

“Geophysics points to additional mineralisation at Mt Hardy” lodged on 3 September 2018 and

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 announcement. 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 Sandy Creek Mineral Resource is extracted from the Independent Geologists Report included in the Prospectus lodged on 31 January 2017 and the Supplementary Prospectus lodged on 10 February 2017 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 Independent Geologists Report included in the Prospectus and Supplementary Prospectus and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the Independent Geologists Report included in the Prospectus and Supplementary Prospectus continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Independent Geologists Report included in the Prospectus and Supplementary Prospectus.

Todd River Resources: Corporate Overview



Key Corporate and Financial Data

ASX code:	TRT
Market capitalisation (at 8c):	\$6.9M
Shares on issue:	81M
Unlisted Options (\$.30 March 2020):	13.5M
Listed Options (\$.25 March 2020):	25.5M
Cash - end June (not including recent raise):	\$1.24M

Board of Directors

Edward Fry	Non-Executive Chairman
Paul Burton	Technical Director
Rex Turkington	Non-executive Director
Stuart Crow	Non-executive Director
Will Dix	Chief Executive Officer

Major and Significant Shareholders

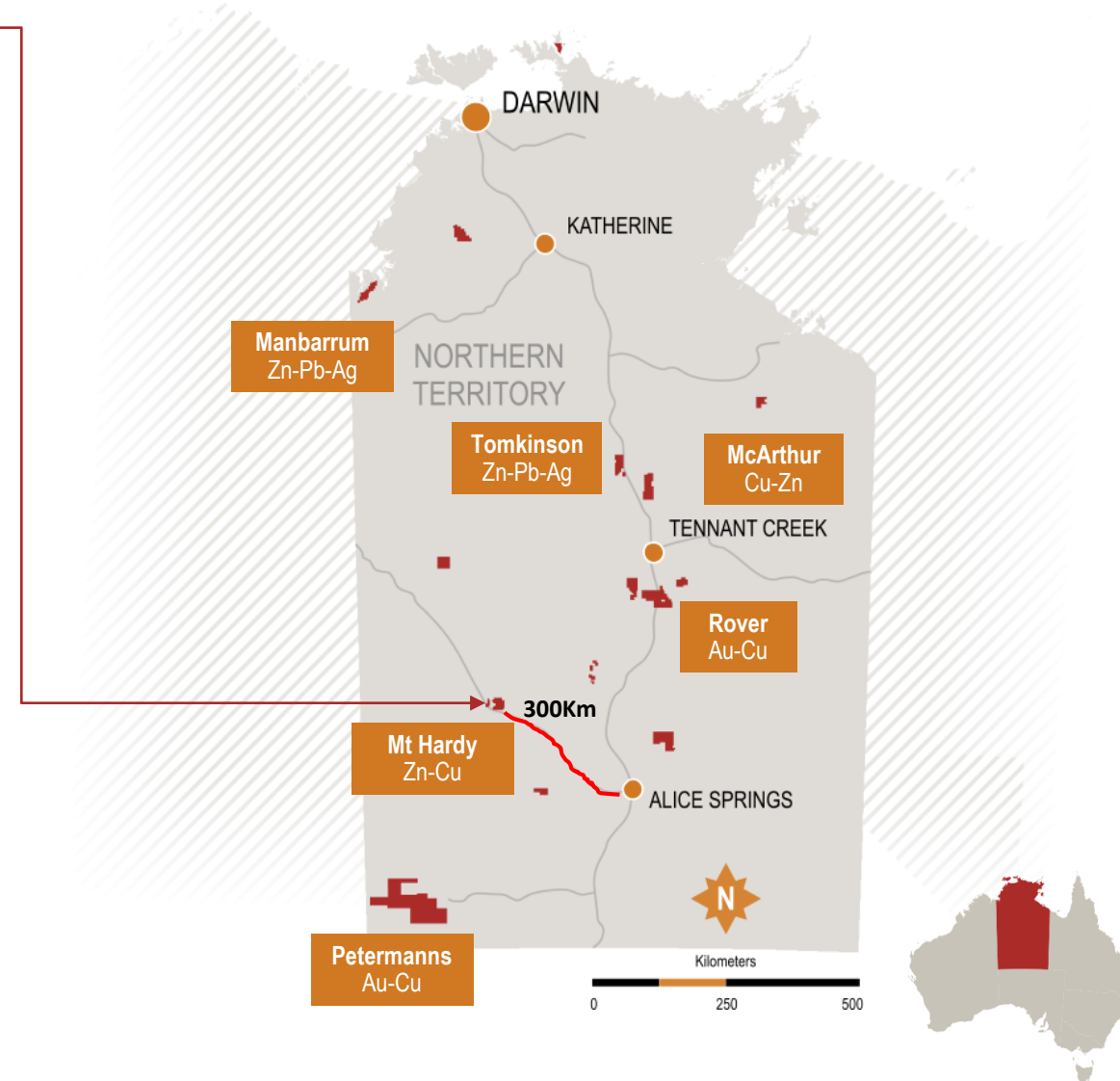
TNG Limited	9.1%
Bellaire Capital	3.7%
WWB Investments P/L	3.6%
HC Investment Holdings Pty Ltd	3.3%
TOP 20 (out of 3,971)	37%



Our Projects - Focus on Base Metals and Gold



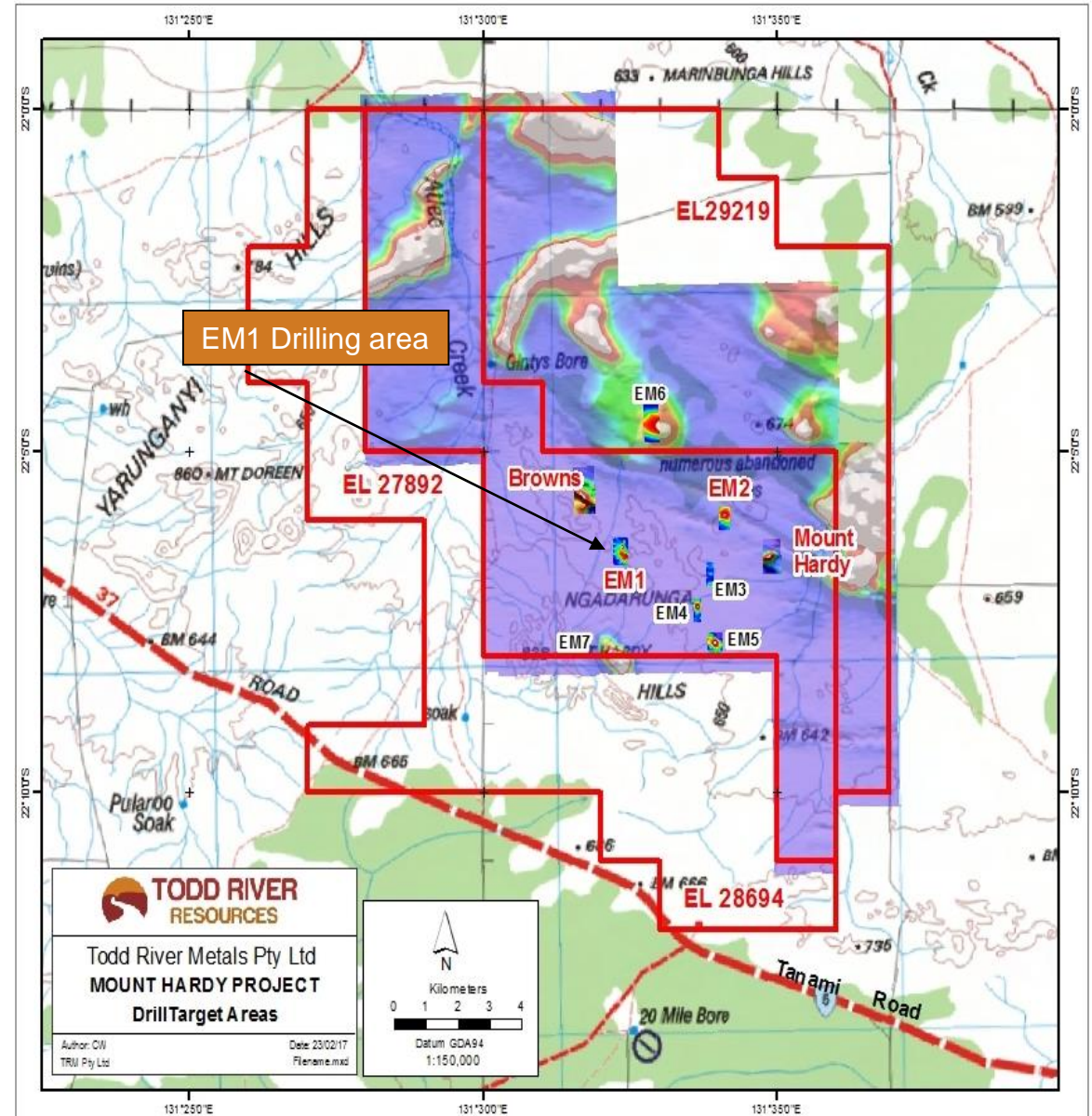
- **Mount Hardy:** Copper-Zinc Discovery
Drilling Success announced 7 June - ONGOING
- **McArthur River:** Copper-Lead-Zinc
Drill test high priority SkyTEM anomalies and further geophysics – Commenced Mid August
First pass assessment on new ground – Complete
- **Rover:** Gold-Copper
Drill priority (top 3) “mag high” Au-Cu targets – ?Q4
- **Manbarrum:** Zinc-Lead-Silver
Work through study recommendations and corporate opportunities – Q3
- **Petermanns:** Gold-Copper
Land access agreement and commence 2nd half 2018
- **Tomkinson:** Zinc-Lead-Silver
Geophysics review and initial field work – McArthur Basin analogue



Mount Hardy Copper-Zinc Project – NEW DISCOVERY



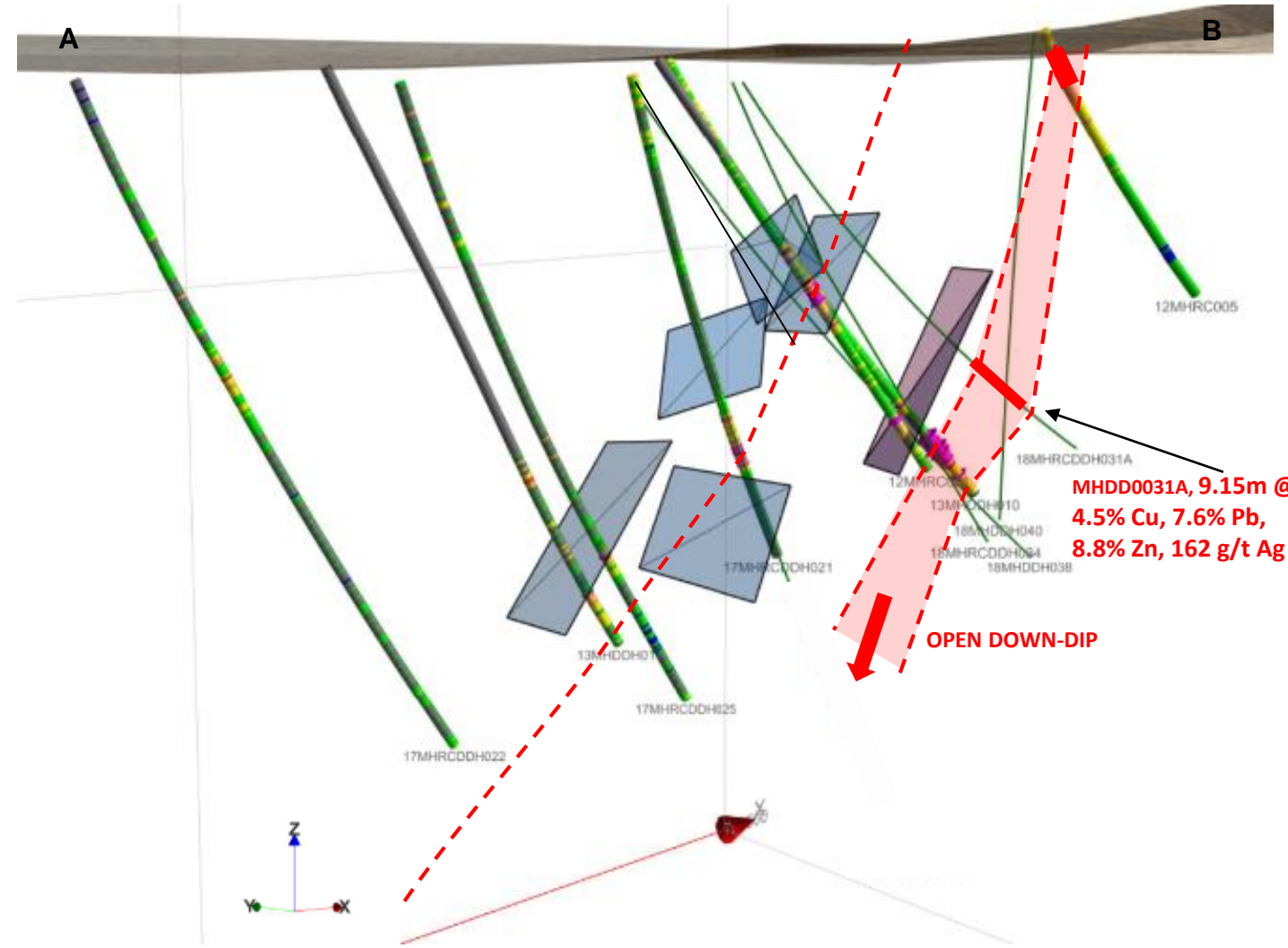
- 2013 exploration (airborne EM) identified **23 EM targets**
- To date (including TNG drilling) 6 have been investigated
- Minor but interesting mineralisation intersected at Browns and Mt Hardy and **EM1 (Hole MHDD0010)**
- 2017 drilling identified additional EM targets from downhole EM at EM1
- **MHDD0031A drilled at EM1 May 2018**
- Many additional targets to pursue
- Regional Exploration program to commence late 2018



Mount Hardy Copper-Zinc Project – NEW DISCOVERY



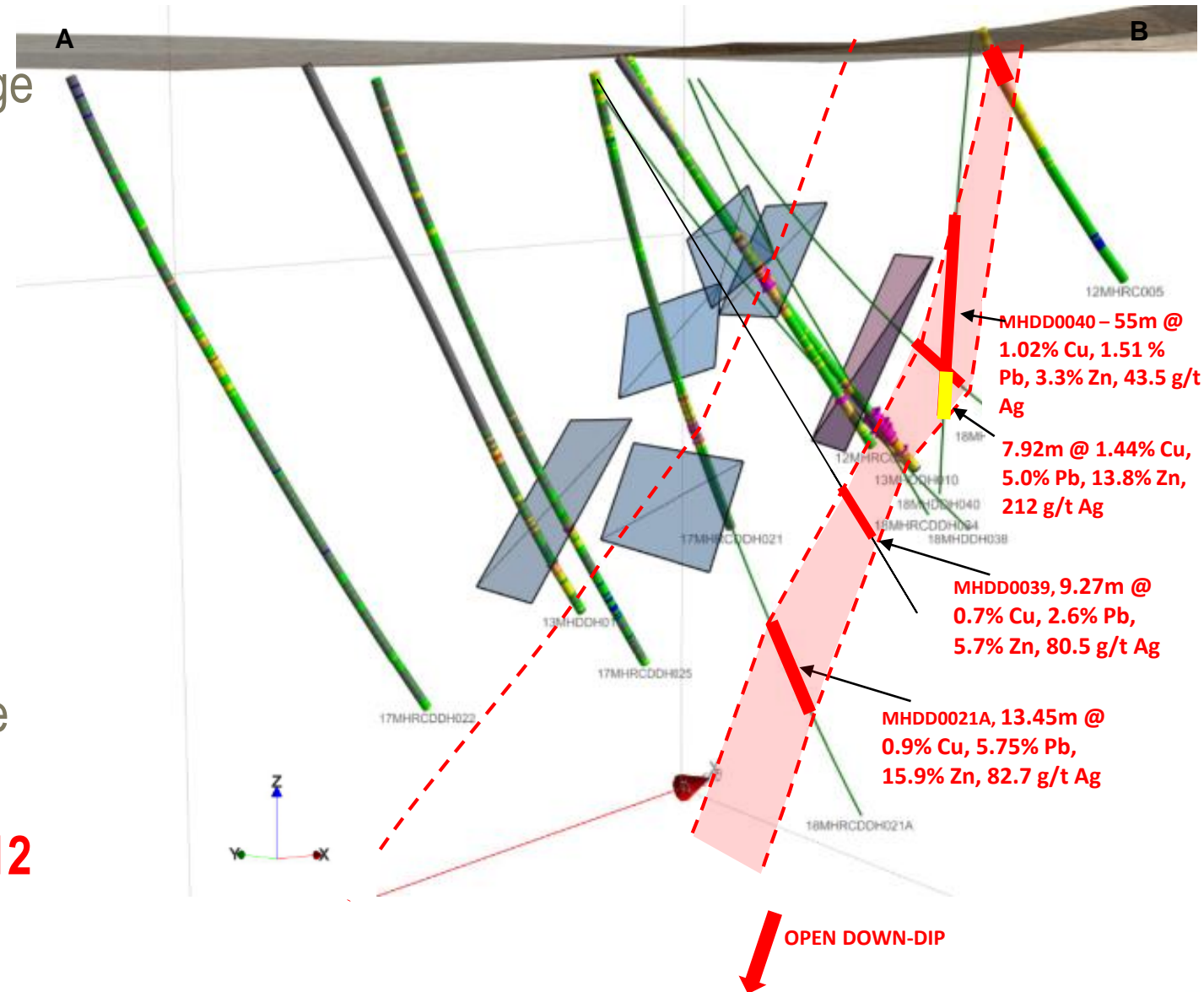
- MHDD0031A intersected significant base metal mineralisation at EM1
- Assays returned (from 184m):
 - 25.15m @ 2.4% Cu, 4% Zn, 3.1% Pb
 - Incl: 9.15m @ 4.5% Cu, 8.8% Zn, 7.6% Pb and 162 g/t Ag
- Downhole Geophysics and diamond drilling – Phase 1 complete, next stage planned (up and down dip and along strike – September 2018 start.
- Full re-interpretation of all geophysical data now complete
- Geochemical modelling underway – results expected late September



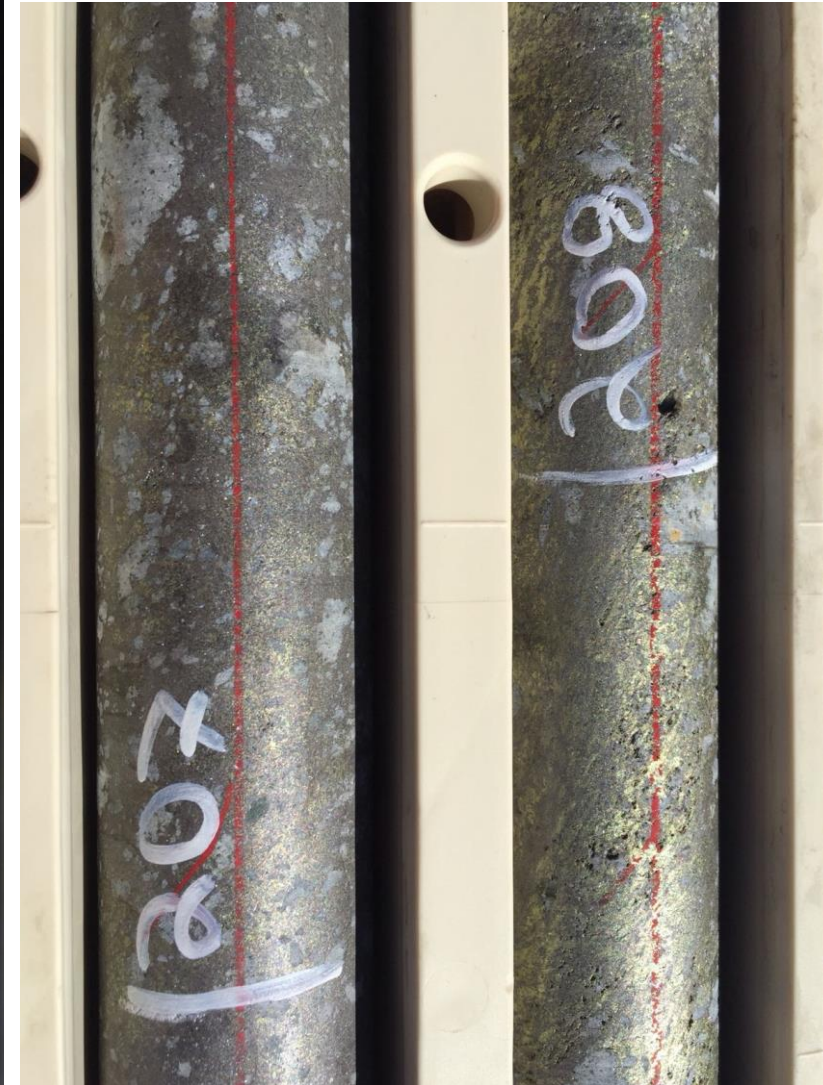
Mount Hardy Copper-Zinc Project – Follow-Up Drilling



- Hole MHDD0021A intersected significant base metal mineralisation 120m down plunge from MHDD0031A
- 13.45m @ 0.9% Cu, 15.9% Zn, 5.75% Pb from 358.55m**
- 2017 downhole geophysical modelling appears to have largely seen the upper stringer sulphides – stronger response
- Lower massive sulphides more subtle and more difficult to model
- MHDD0040 confirmed continuity of sulphide mineralisation:
- 7.92m @ 1.44% Cu, 5.0% Pb, 13.8% Zn, 212 g/t Ag**
- 13.45m @ 0.9% Cu, 5.75% Pb, 15.9% Zn, 82.7 g/t Ag**
- 9.27m @ 0.7% Cu, 2.6% Pb, 5.7% Zn, 80.5 g/t Ag**
- 1.44% Cu, 5.0% Pb, 13.8% Zn, 212 g/t Ag**



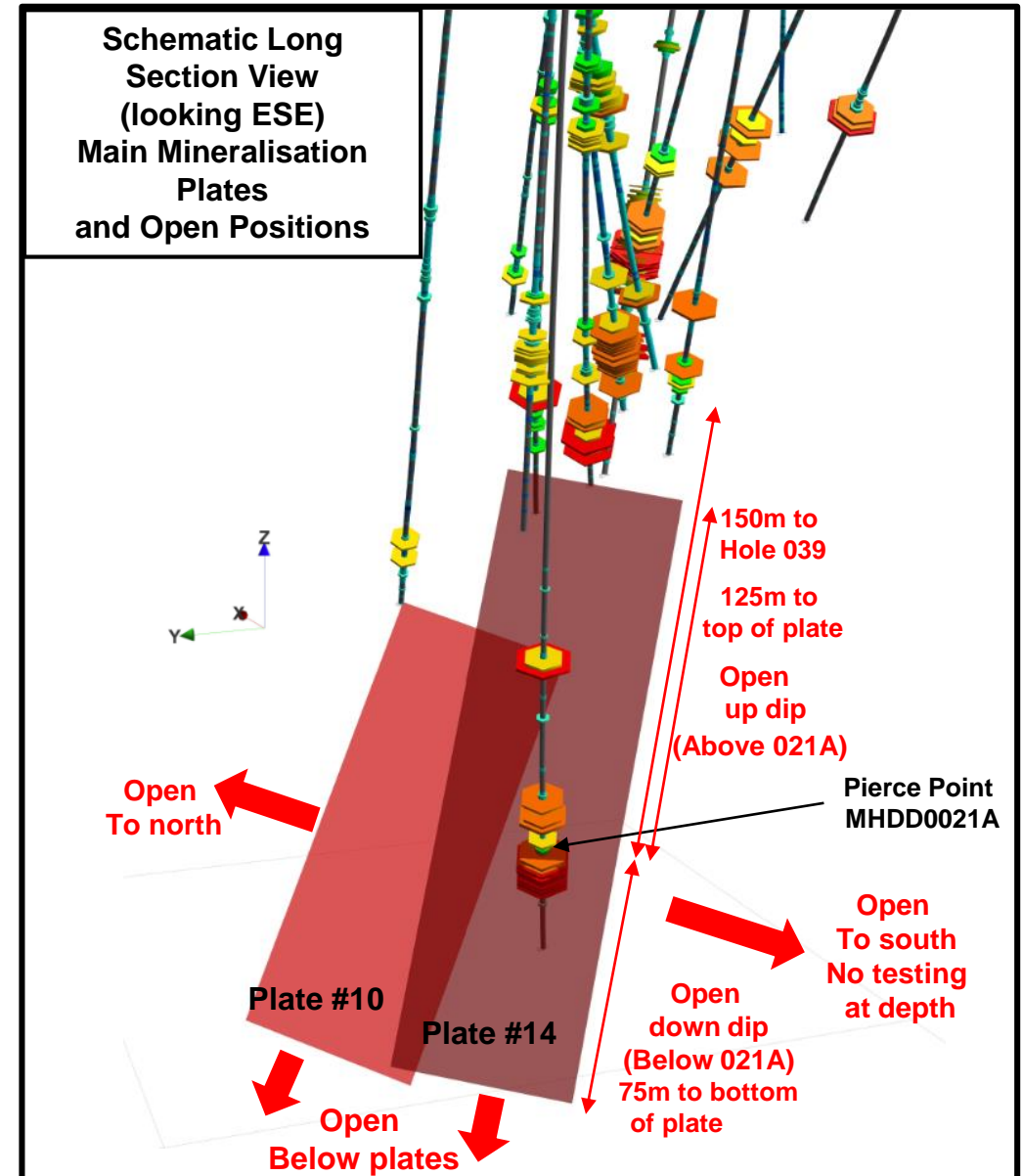
Mount Hardy Copper-Zinc Project – MHDD0031A Mineralisation



Mount Hardy Copper-Zinc Project – Geophysics Review



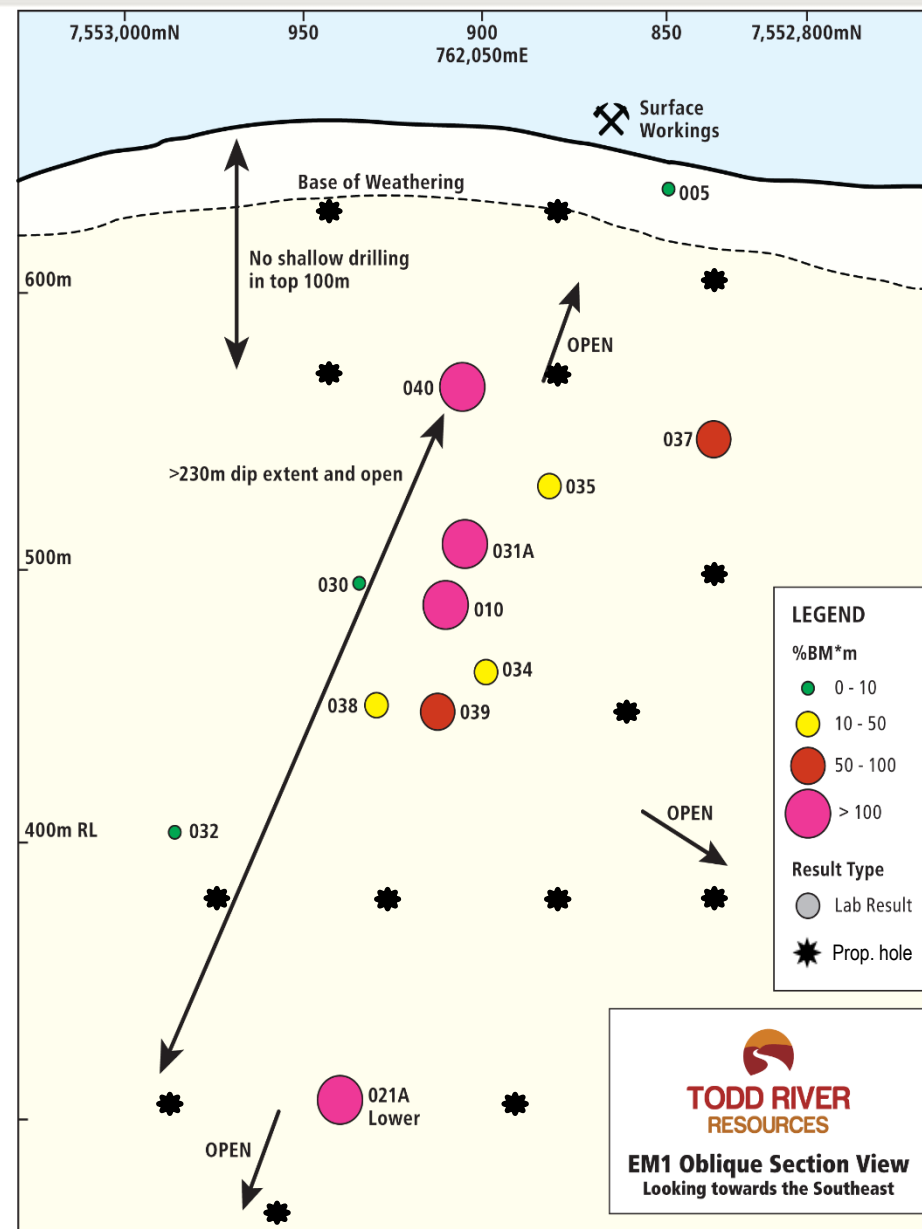
- Downhole EM has identified plate extensions suggesting additional massive sulphide mineralisation
- Main target zones below and to the north
- 18 plates identified in total
- 5 high priority plates including Plates 10 and 14 at EM1
- Area to the south still untested and OPEN
- 13 other plates to be reviewed/tested over the next 12 months including targets away from EM1
- Detailed AEM survey to be flown later in 2018



Mount Hardy Copper-Zinc Project – Sept 20 – Dec 2018



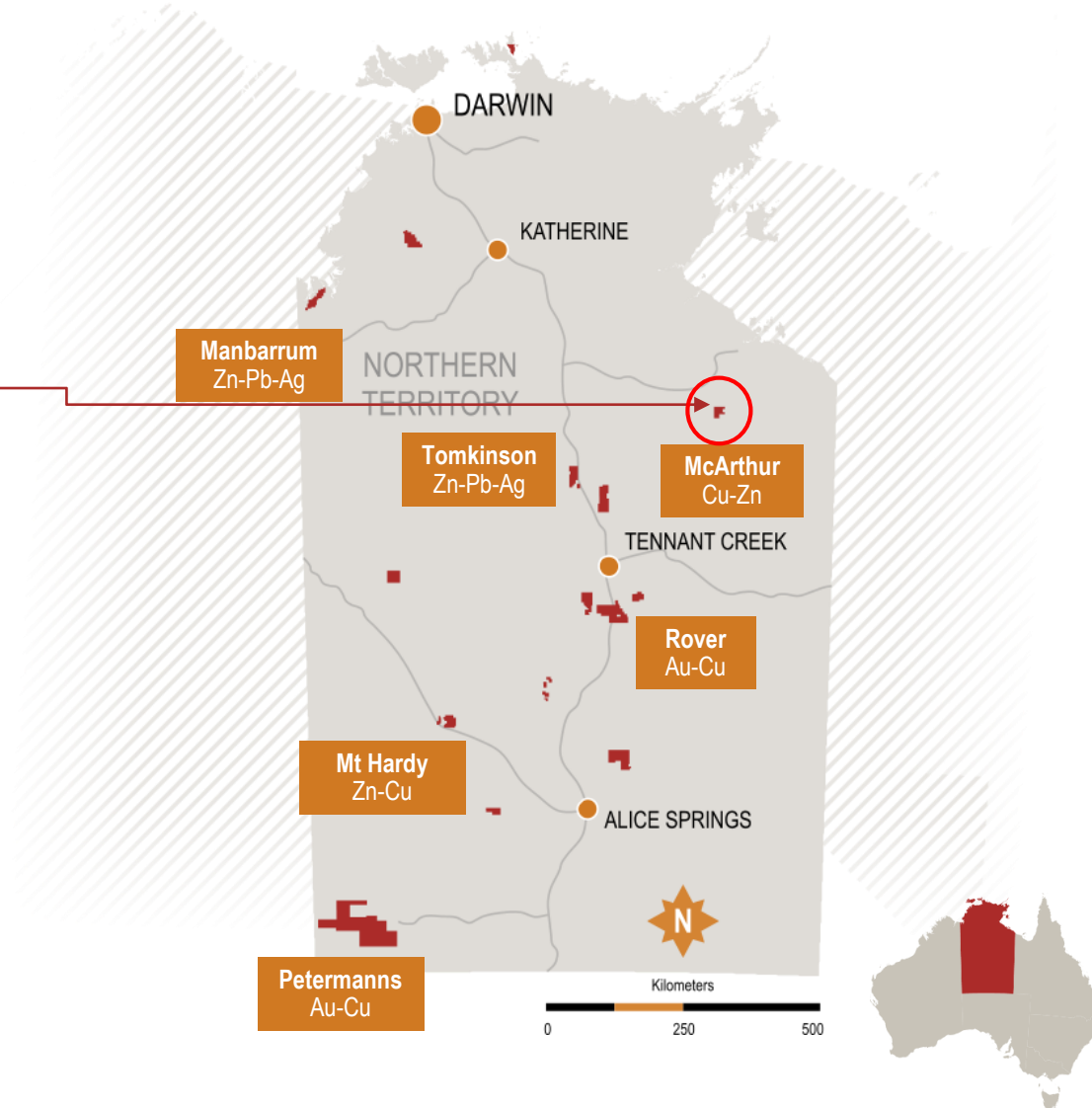
- Drilling to recommence later in September targeting:
 - *Shallow mineralisation above 100m*
 - *Depth extensions to the massive sulphide zone*
 - *Strike continuity north and south*
 - *Small number of targets away from EM1*
- **Not every historic (pre 2018) hole has been drilled deep enough**
- Program designed as 3,700 of RC and Diamond drilling
- Approximately 10-11 weeks
- Budgeted at \$880K - \$920K all inclusive



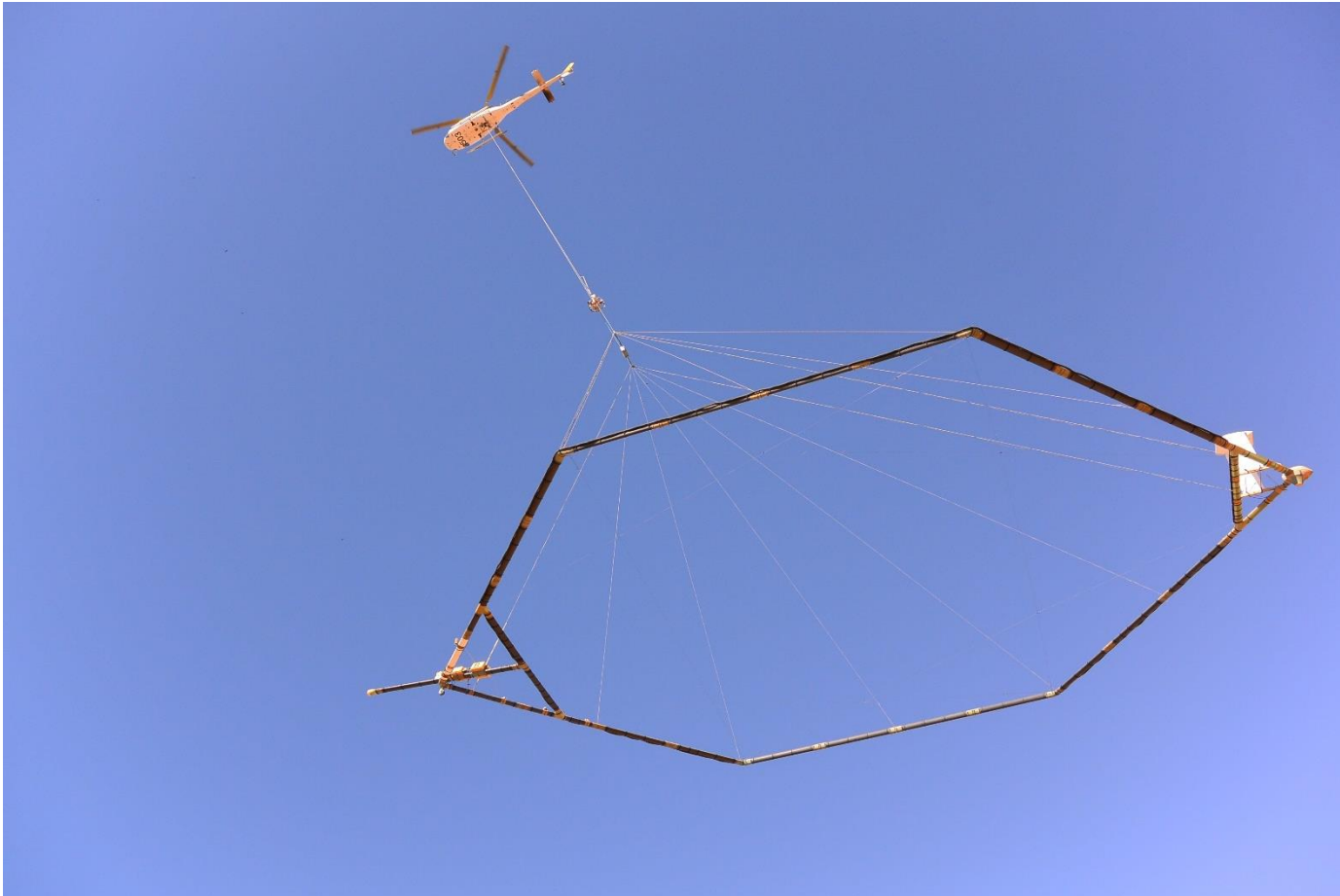
Other Assets - Focus on Base Metals and Gold



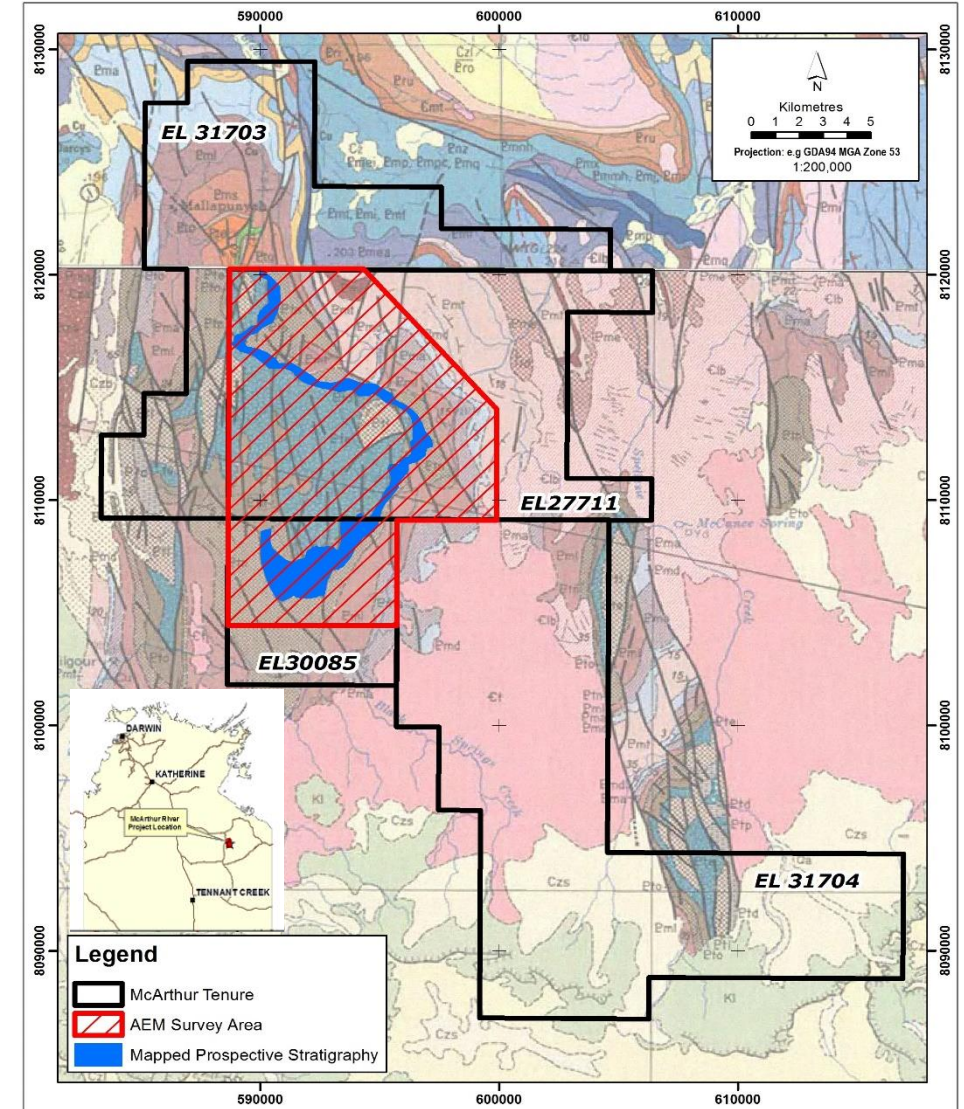
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Work through study recommendations and corporate opportunities – Q3
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Drilling Success announced 7 June - ONGOING
- **McArthur River:** Copper-Lead-Zinc
*Drill test high priority SkyTEM anomalies and further geophysics – **Commenced Sunday 12/8***
First pass assessment on new ground – Complete
- **Rover:** Gold-Copper
Drill priority (top 3) “mag high” Au-Cu targets – ?Q4
- **Petermanns:** Gold-Copper
Land access agreement and commence 2nd half 2018
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*Geophysics review and initial field work – **McArthur Basin analogue***



McArthur River Copper Project



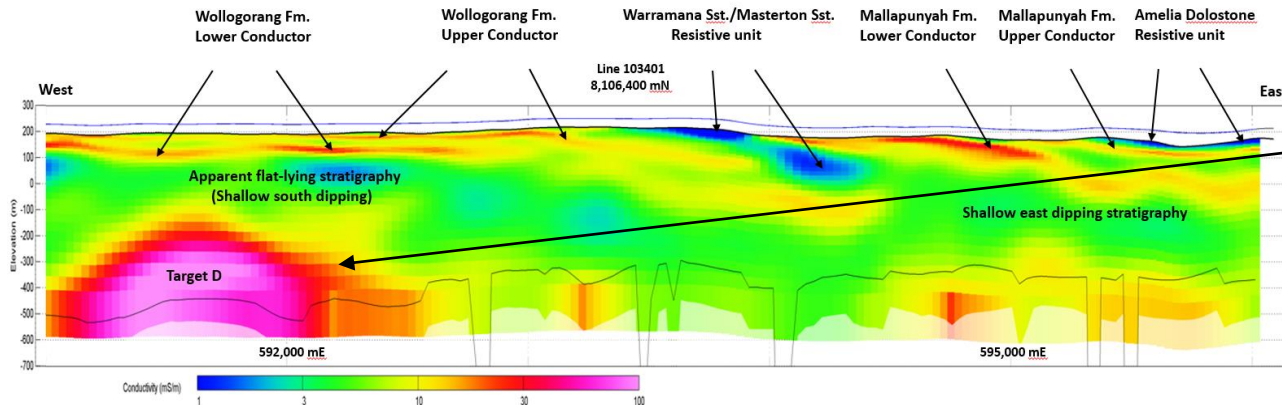
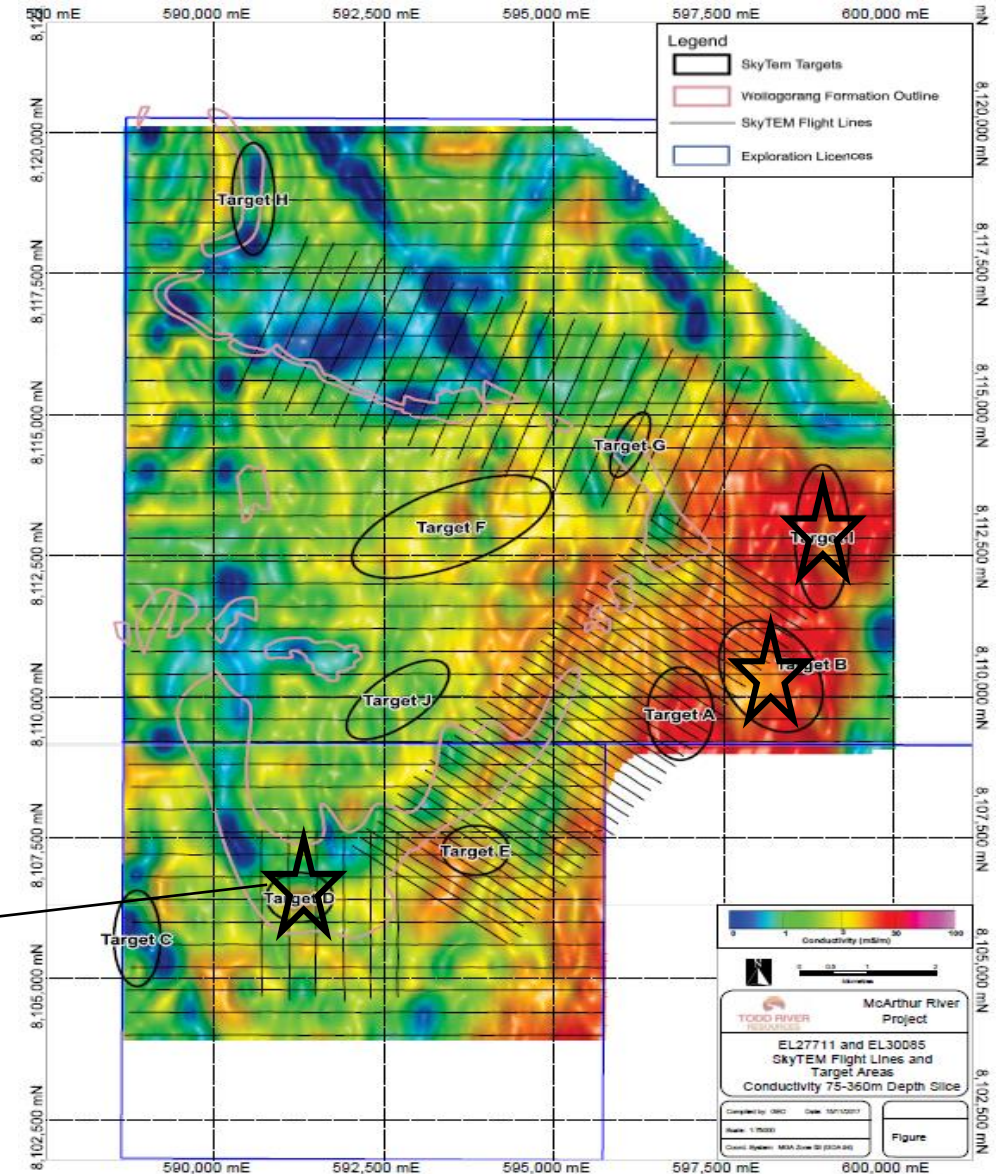
- SkyTEM survey collecting over 600 line Km of data during late 2017 - McArthur River Copper-Zinc Project
- Recently doubled tenure to the north and south



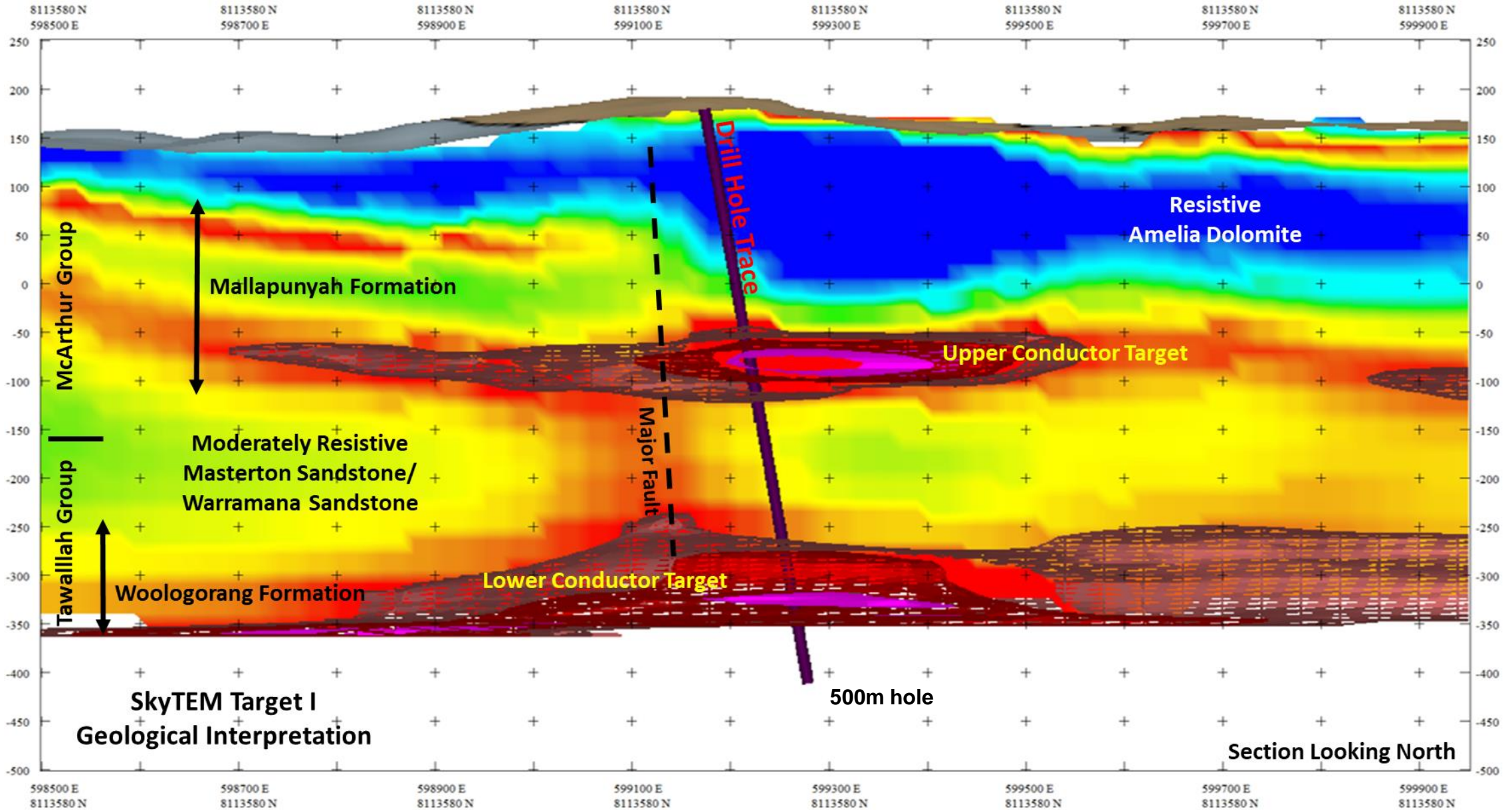
McArthur River Copper Project



- 600 line km airborne electro-magnetic survey completed in 2017 – targeting Tawallah Group
- **Ten strong geophysical anomalies** outlined from interpretation of SkyTEM survey
- Mapping and sampling completed in 2017
 - Up to 44.5% Cu in rock chip samples
- First pass work commenced on new tenure in June
 - *Rock chip and soil sampling*
- Drilling of initial 3 hole program complete



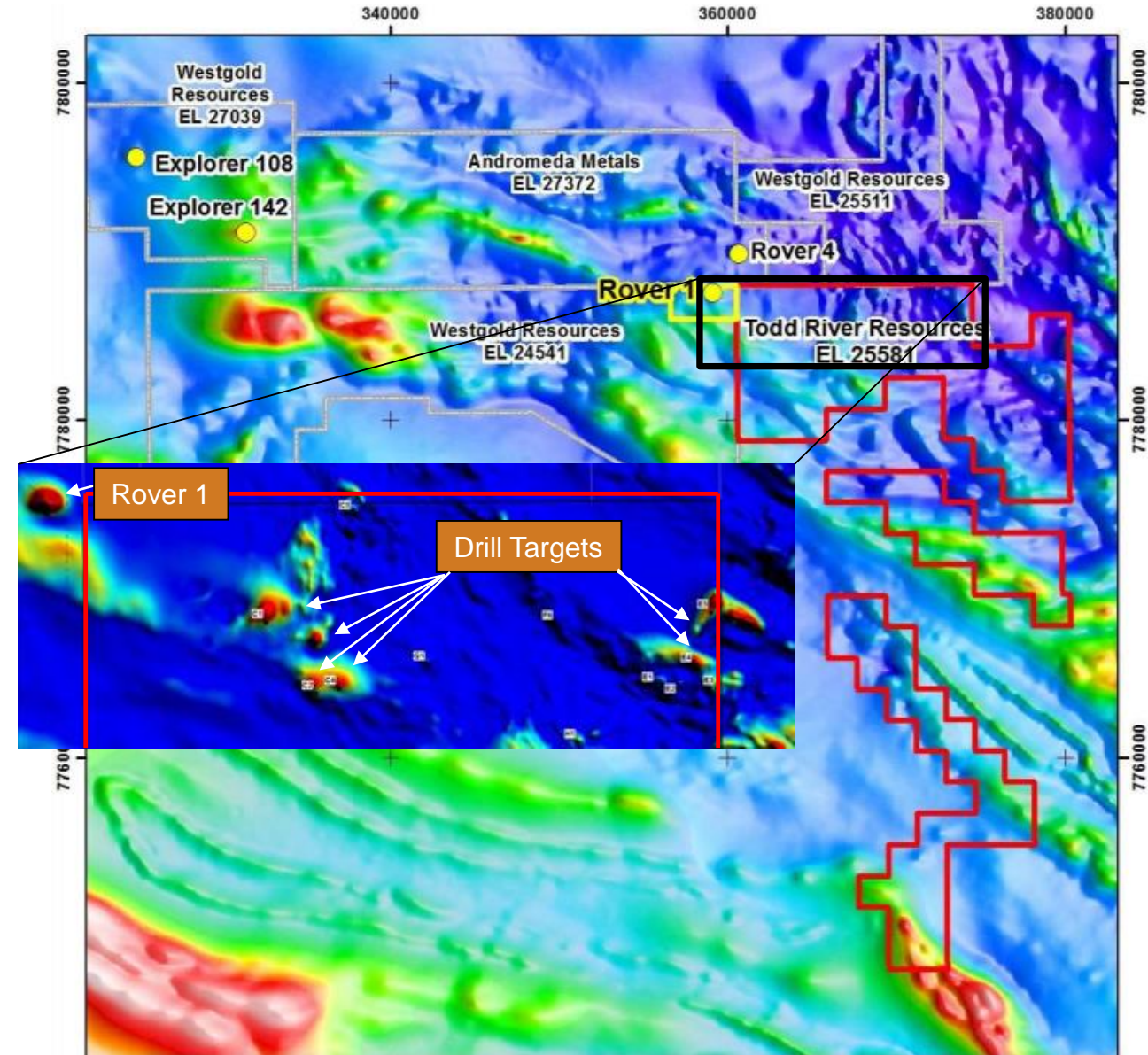
McArthur River Copper Project – Drill targeting



Rover Gold-Copper Project



- Prospective for high grade Tennant Creek style Au-Cu-Bi mineralisation
- Westgold's **1.2M Au Equivalent Ounce** Rover 1 deposit is a classic example
- TRR has **at least 4 walk-up drill targets** – high priority for 2018 once MMP is approved – 2nd half of the year
- First pass exploration on other granted tenement to commence mid 2018
- Looking for regional consolidation opportunities



Rover Gold-Copper Project – drill targeting



Drill target modelling. Planned drill hole traces into modelled wireframe magnetics/gravity highs.

A - Target Rov18_01

- Steep north dipping magnetic anomaly (red wireframe, 0.0275 TMI).
- Strongest mag. signature in tenement and equivalent depth to Rover 1 (350m).

B - Target Rov18_05

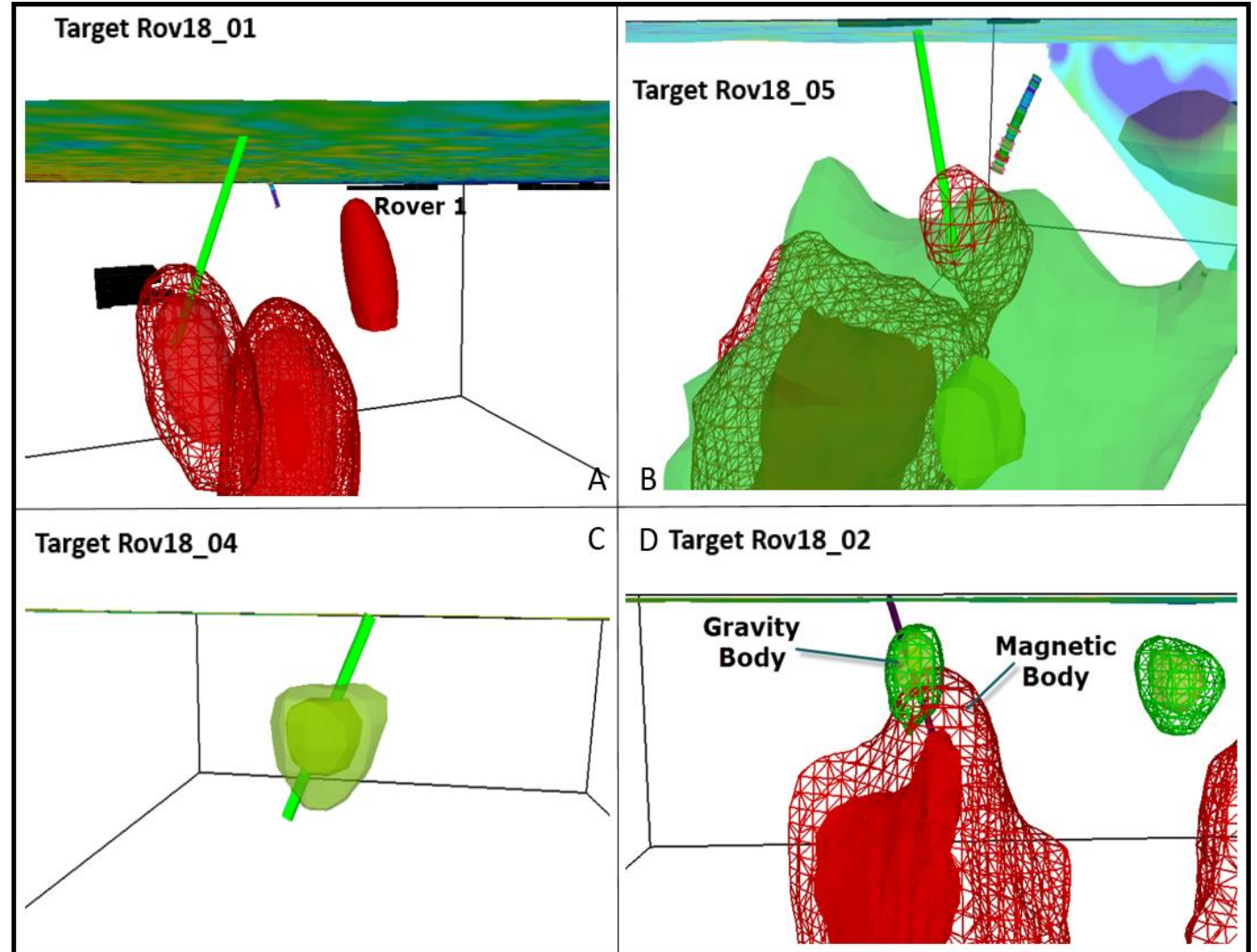
- Magnetic body (red wireframe) target above larger deep magnetic body with associated gravity/density anomaly (green body).

C - Target Rov18_04

- Density anomaly target along strike from Rover 1.

D - Target Rov18_02

- Density body target sitting atop a larger magnetic body



Proposed Activities – 2018



Project	Priority	Activity	Commencement
Mount Hardy	1	Follow up drilling to test EM plates and shallow positions	ONGOING
Rover	1	Drilling of high priority geophysical targets	Q1 2019
McArthur River	1	Drilling SkyTEM targets and first pass exploration on new ground	Completed mid September
Stokes Yard	2	Detailed ground EM geophysics to refine drill targets	October/November
Tomkinson	2	Geophysical assessment of open file data prior to initial field work – sampling/mapping/drilling	Commenced
Lithium Projects	3	Reviewing divestment opportunities	Ongoing
Petermann Range	2	Traditional Owner meetings to facilitate tenement access	COMPLETED – 3/5 A.F.G.

Summary – The NT's newest Base Metal and Gold Explorer



- Base Metal **DISCOVERY** at Mt Hardy – early days but very encouraging
- Aggressive Exploration Campaign for remainder of 2018 and beyond
- Drilling Mt Hardy – **Recommences early September**
- Drilling commencing at McArthur- **Completed initial program** (collaborative funding)
- Drilling planned at Rover – March/April 2019 (collaborative Funding)
- Pipeline Projects at Petermann Range and Stokes Yard
- **Tight Capital structure – highly leveraged to exploration success**
- **Funding plans in place via 1 for 2 non-renounceable pro-rata entitlement issue and backed by Hartleys out of Perth**



**TODD RIVER
RESOURCES**

THANK YOU



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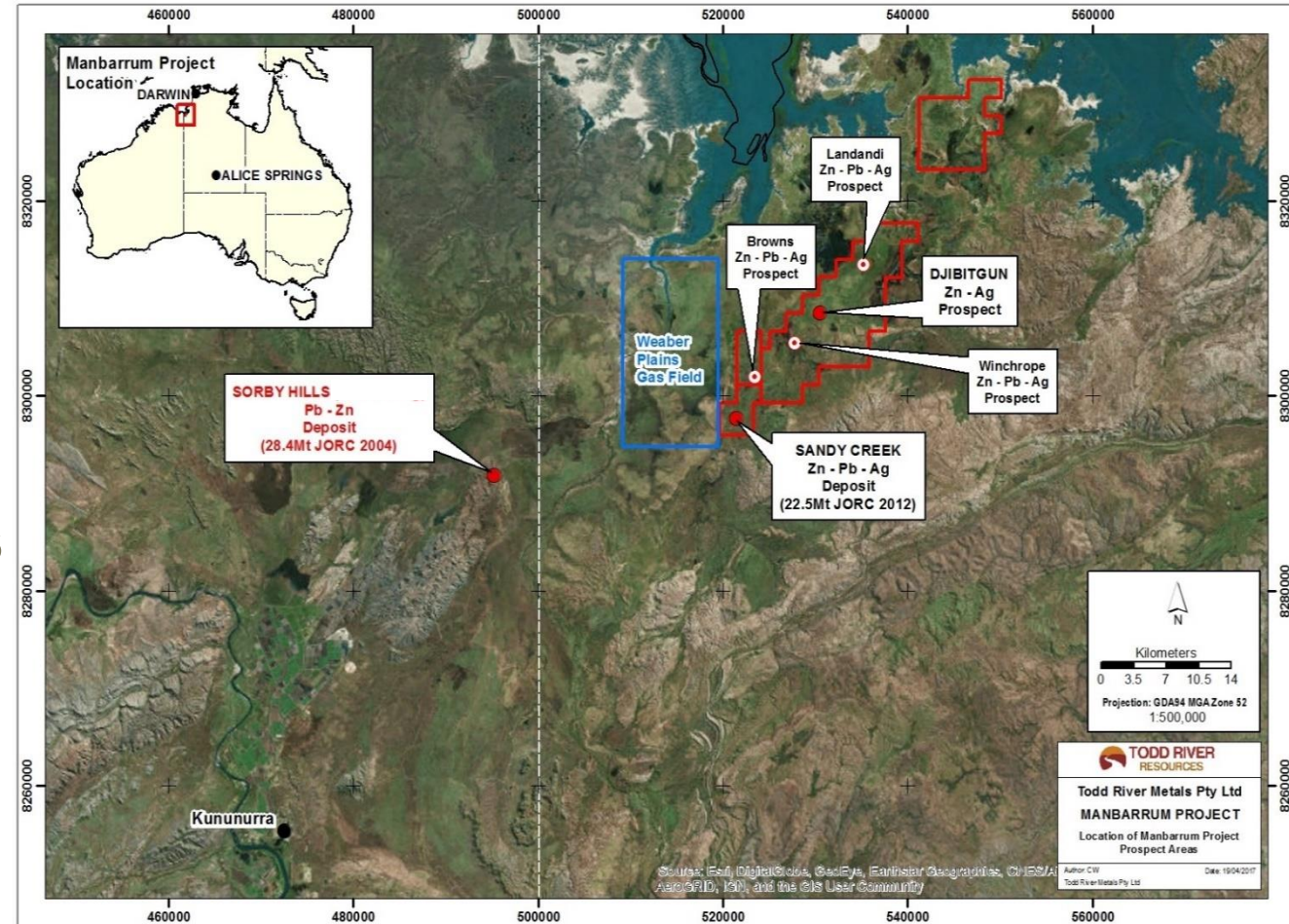


Appendix – PIPELINE PROJECTS

Manbarrum Zinc-Lead-Silver Project



- Conceptual mining study completed
- **Positive outcome at base-case**
- Excellent results when optimised
- Further work required on processing and costings
- **22.5Mt @ 2.25% Zn+Pb JORC resource***
- Reviewing regional & corporate opportunities



Manbarrum Project and Prospect locations including the Sorby Hills Project now subject to a Sale and Purchase agreement between Quintana Resources and Pacifico Minerals

* Indicated 5.1Mt @ 1.94% Zn, 0.82% Pb and 5.82g/t Ag and inferred 17.4Mt @ 1.77% Zn, 0.33% Pb and 4.19g/t Ag. Full details (including those required under the 2012 JORC Code) are contained in the Prospectus

Stokes Yard: Zinc-Lead-Copper



- Located 200km west of Alice Springs in the Warumpi Province
- 2017 and 2018 Rock chip sampling from the Stokes Yard Prospect has returned up to 14% Zn, 18% Pb, 2.4% Cu, and 148 g/t Ag
- No modern geophysics or drill testing
- Shallow workings developed in mylonite zones within schists and calc-silicates of the Ikuntji Metamorphics
- Interest in the Warumpi Province, due to ABM/IGO's discovery of the potentially IOCG-style Bumblebee Prospect At Lake McKay



Petermann Range Project



- Land access meetings held April 2018 – 5 tenements proceeding to grant.
- 5,100Km² of tenure (2,800Km² to grant).
- No modern exploration (last 40 yrs).
- Plan to be on the ground 1st half 2019 or late 2018.
- First pass – mapping, broad surface sampling and airborne geophysics over priority areas.
- **Longer lead time but elephant country.**

