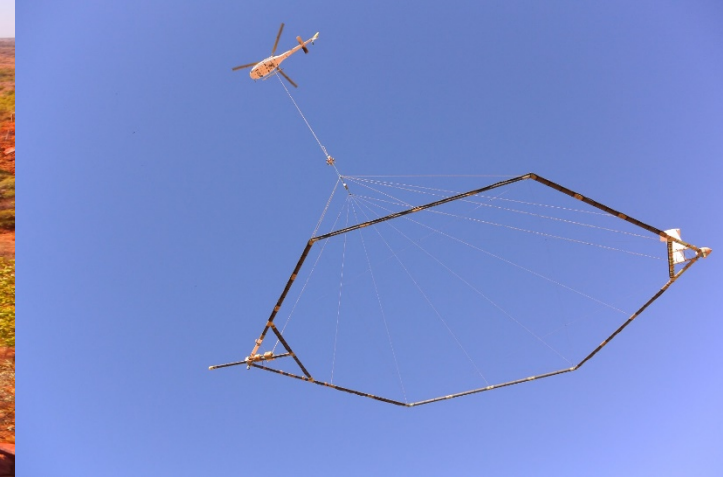




TODD RIVER RESOURCES

ASX Code: TRT



March 2018 – The Use of SkyTEM in the McArthur Basin
Will Dix, Kim Grey

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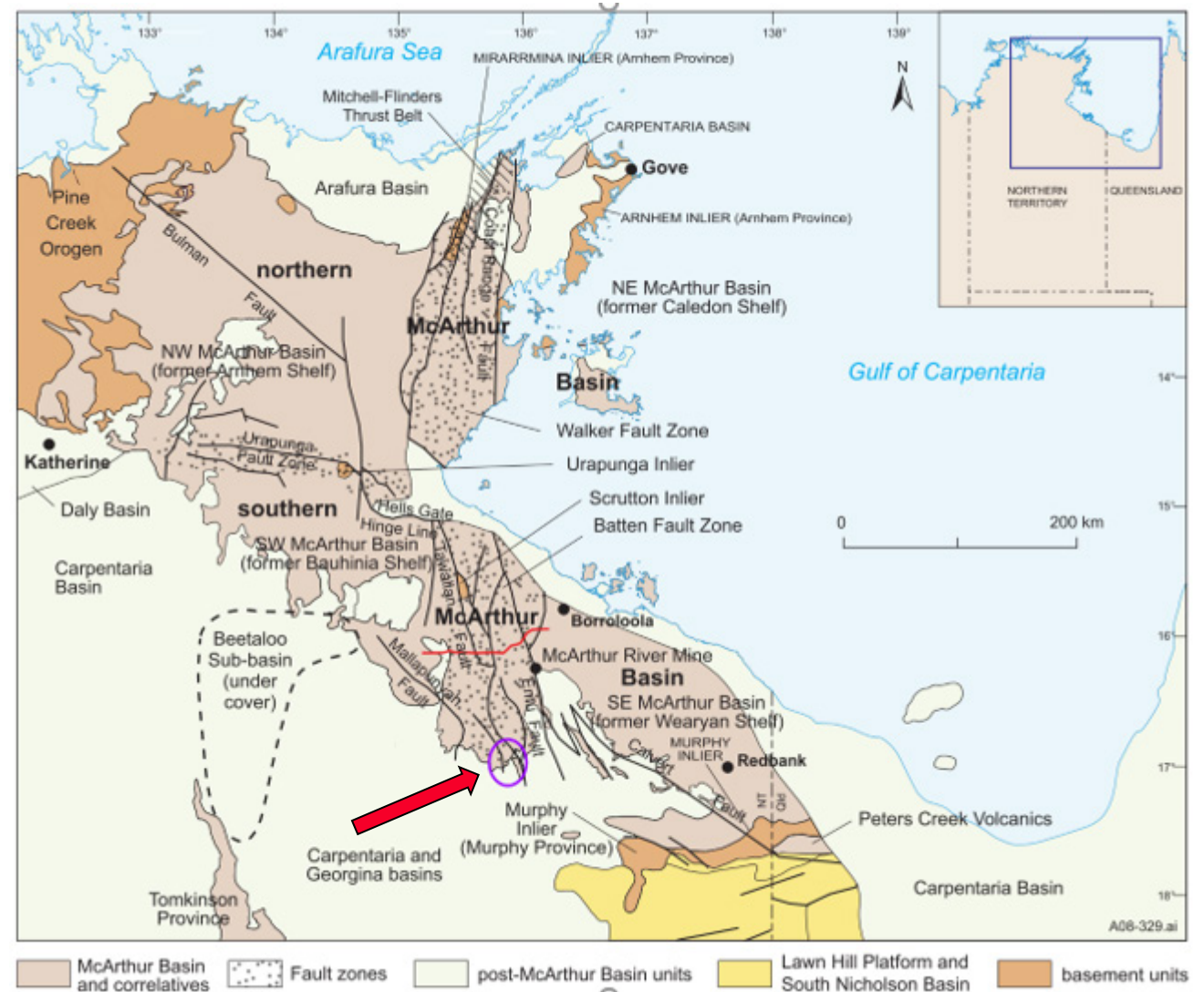
COMPETENT PERSON'S STATEMENTS

- The information in this announcement that relates to Exploration Results is extracted from ASX announcements made during 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 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 announcements.
- 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.

McArthur River Copper Project – Project Area



- Project area covers a region at the southern part of the basin between the Emu Fault and Mallapunyah Fault
- Targeting Cu in the Tawallah Group - basal Wollogorang Fm
- 2 holes drilled by TNG in 2014 to follow up surface geochem – intersected anomalous Cu & Zn values
- Further mapping and sampling commenced in 2017 – widespread Cu anomalism
- Area identified for SkyTEM coverage and survey completed in late 2017

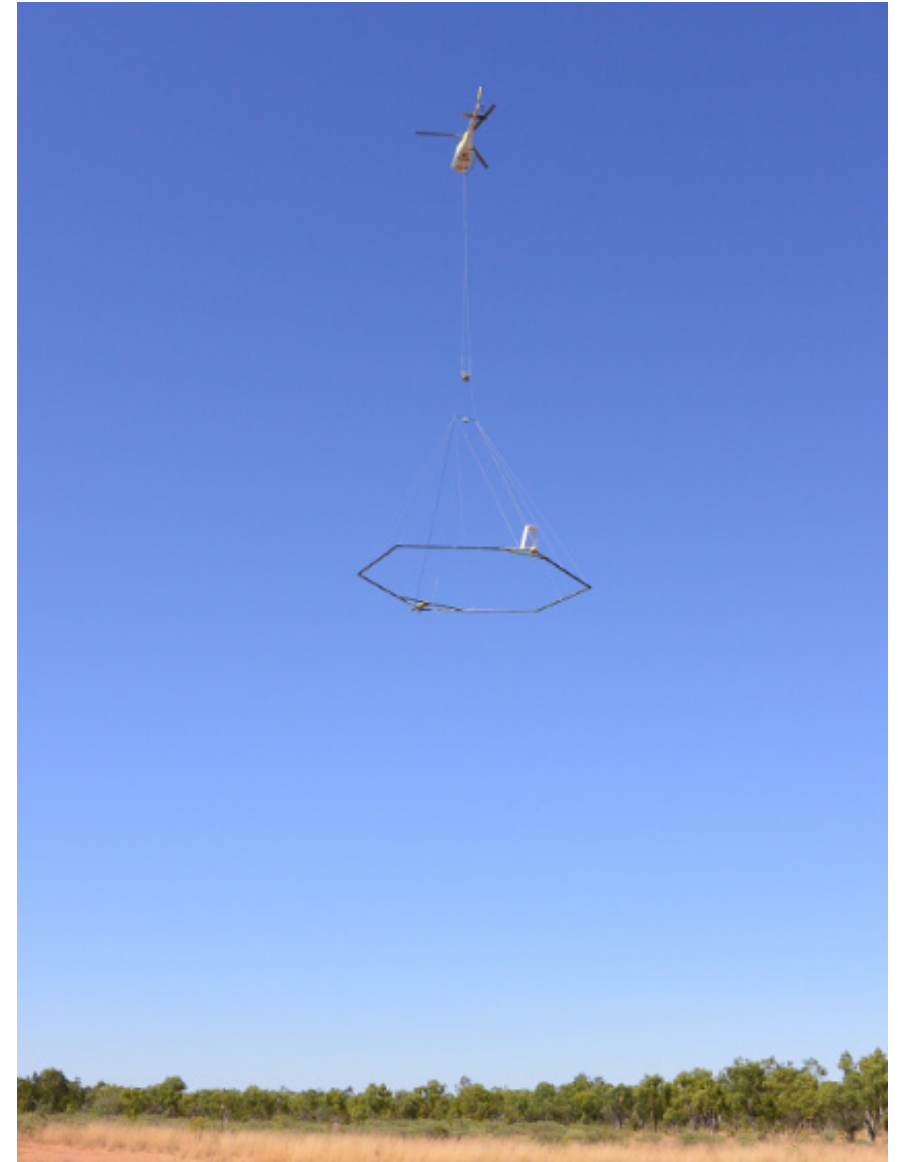


Ahmad et al 2013

McArthur River Copper Project – Why Airborne EM?



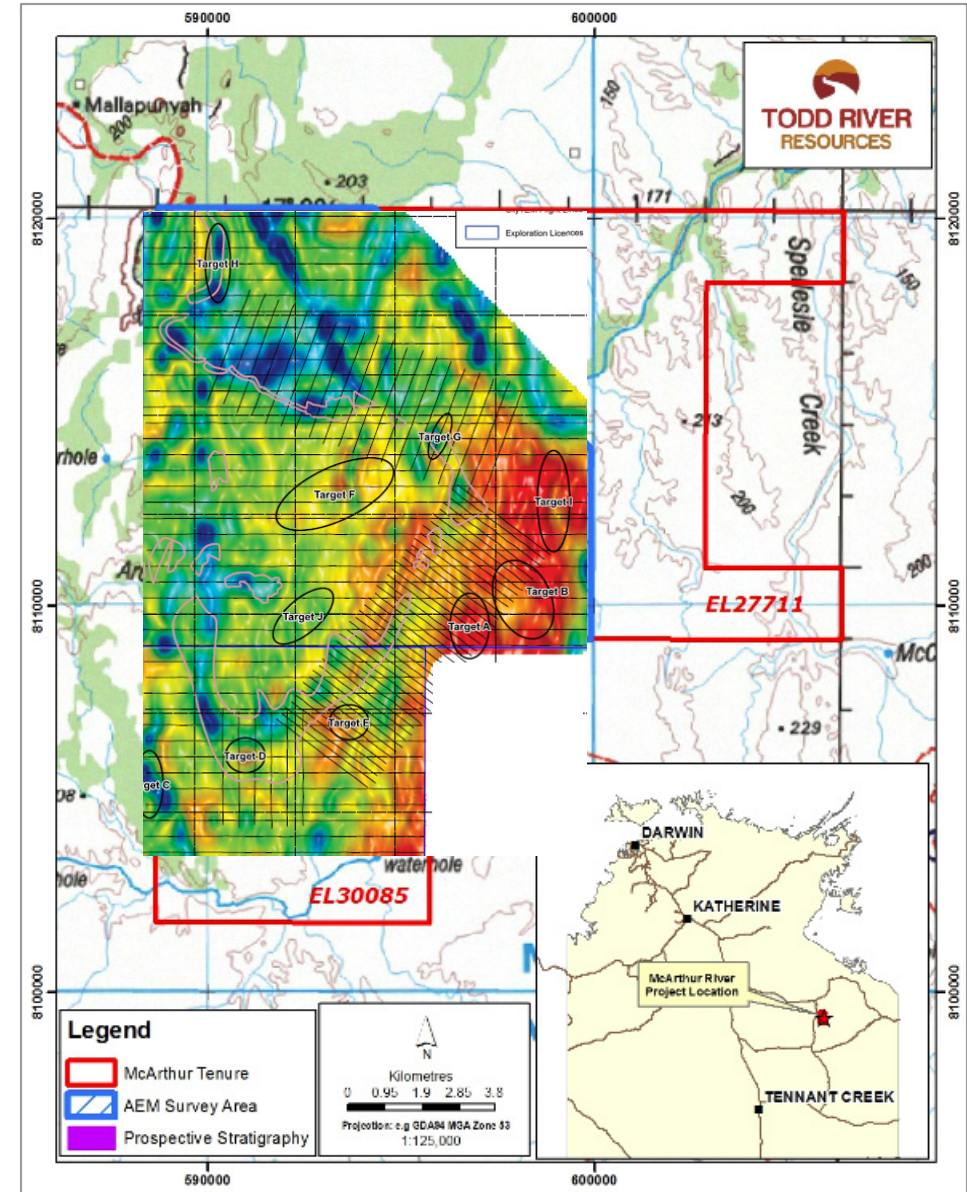
- Wanted to get best “bang for buck”
- Technology improved to the point it’s now “worth it”
- Provides cost effective, efficient coverage over large areas in a relatively short time
- Geological context provided by mapping, sampling and drilling
- Targeted down dip extensions to the Wollongorang stratigraphy
- Also covered the Mallapunyah Formation in the east of the project area



McArthur River Copper Project – SkyTEM survey



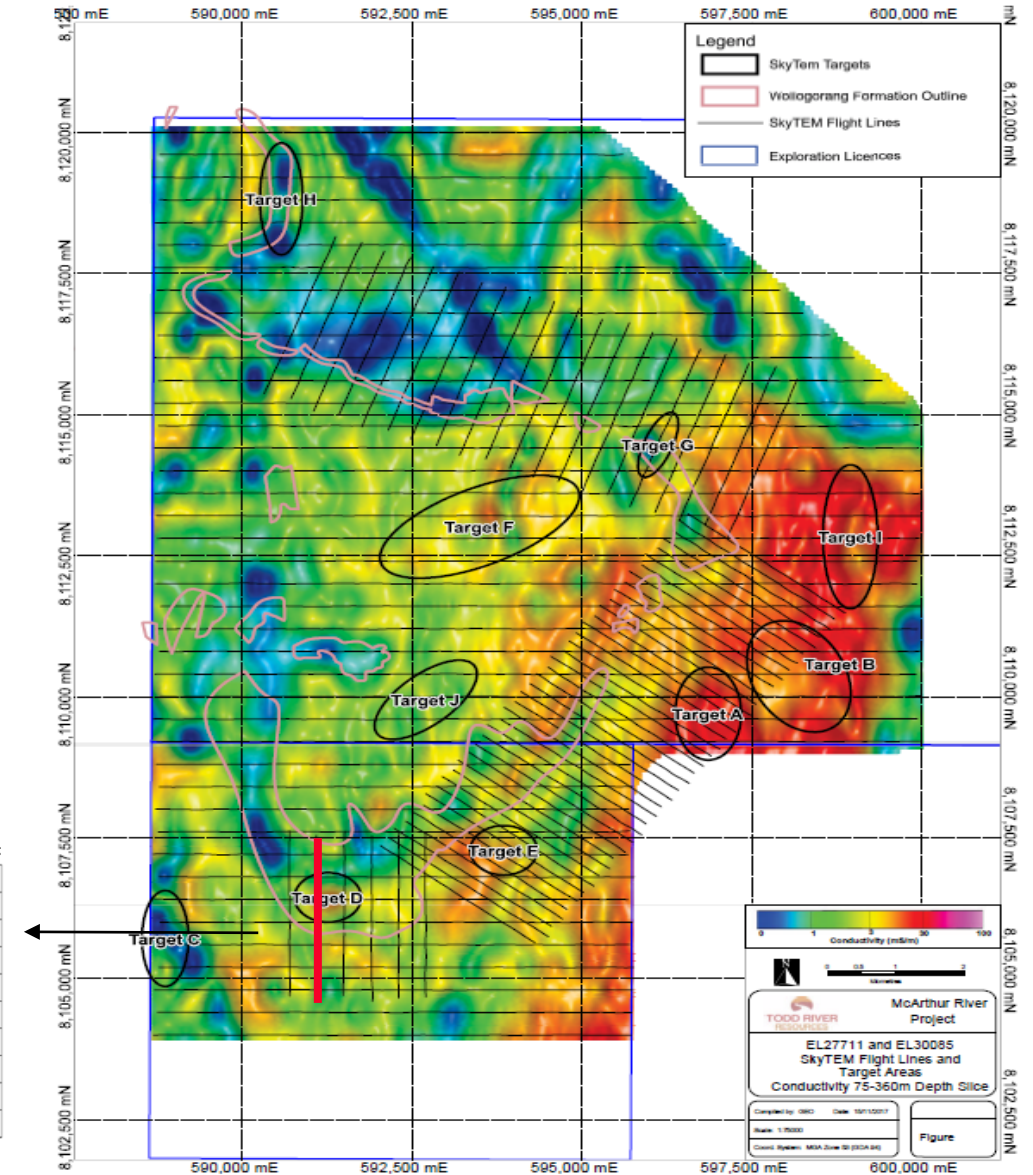
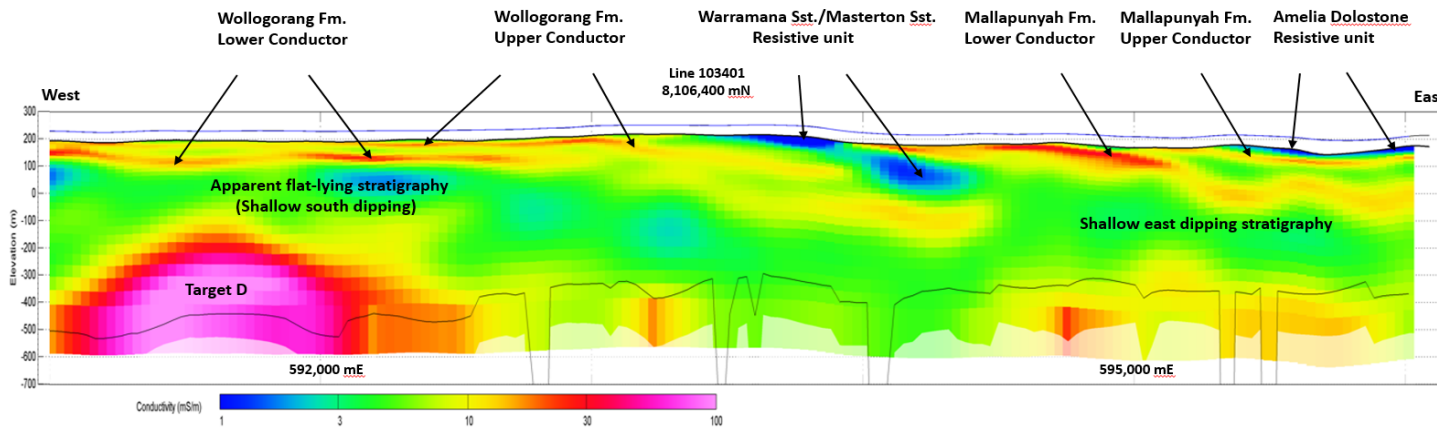
- SkyTEM survey collecting over 600 line Km of data during late 2017
- Helicopter-borne 16x28m acquisition loop
- Dual moment transient electromagnetic system
- 400m line spacing with 200m infill as required
- Flown orthogonal to strike as best as possible
- Outputs include:
 - *3D inversion model of conductivity*
 - *3D inversion model of magnetics*
 - *Depth slices and sections of conductivity and resistivity*
 - *3D conductivity wireframe representing shale units*



McArthur River Copper Project – Geophysical Outcomes



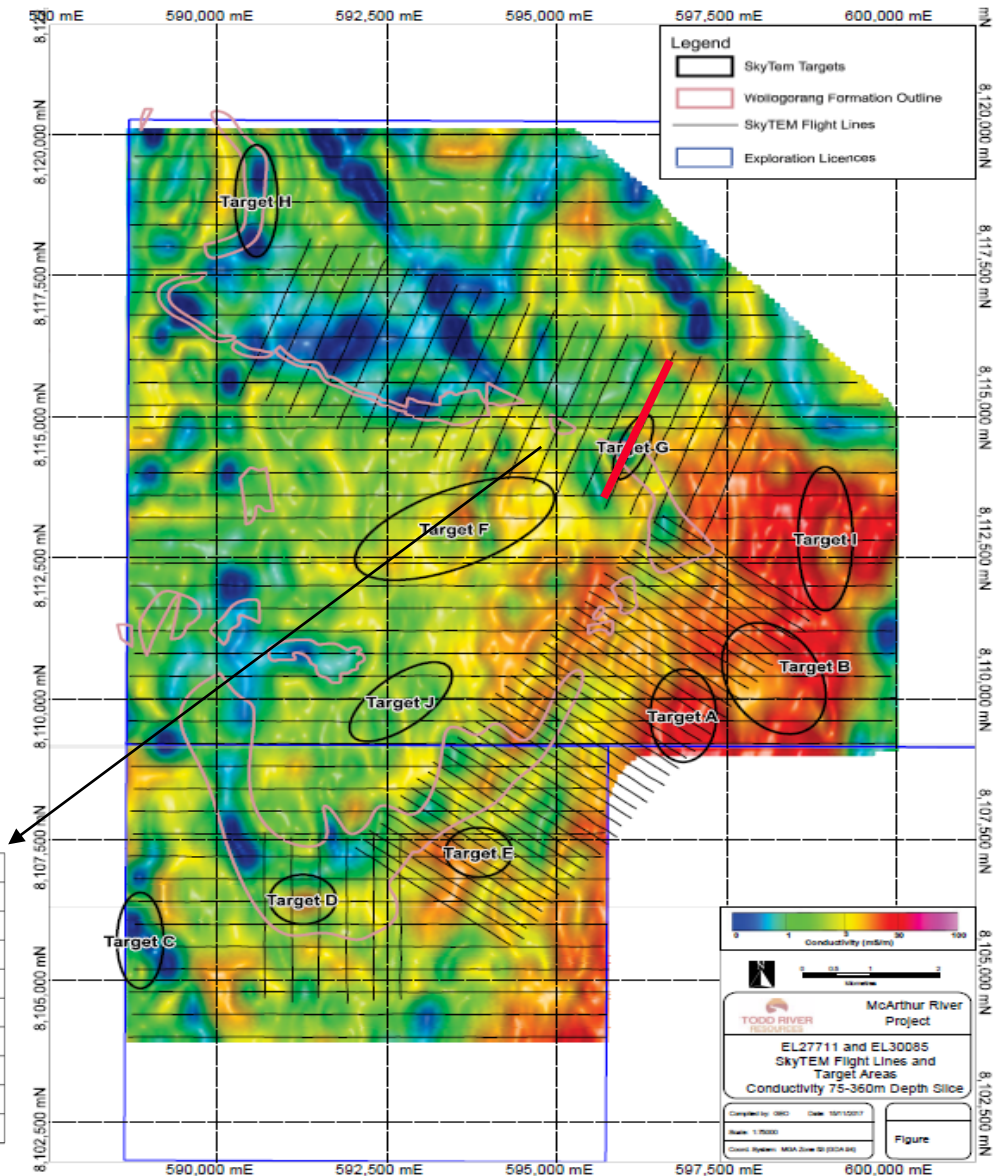
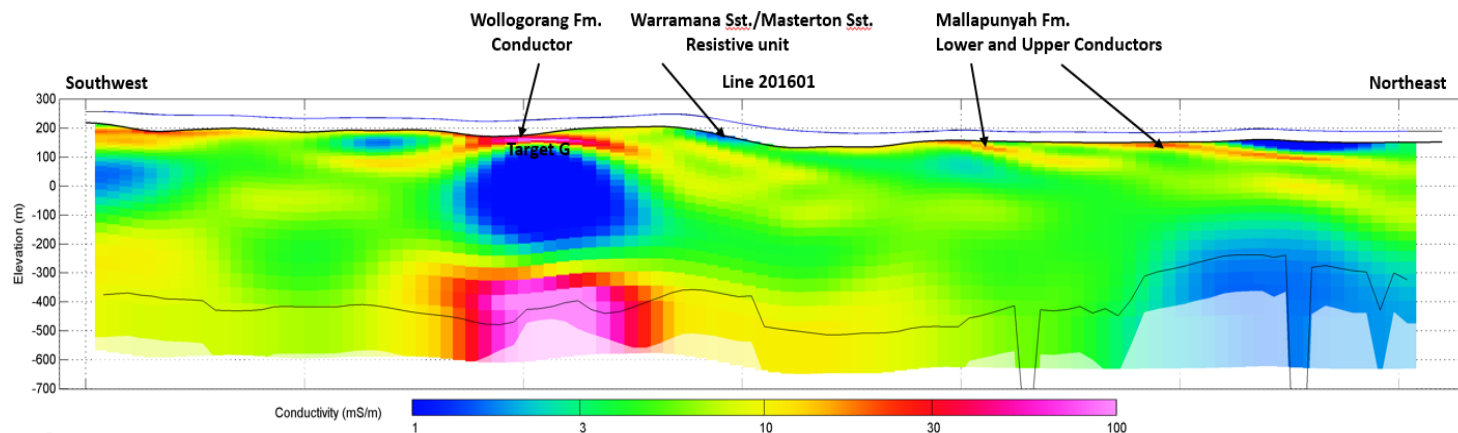
- Survey focussed on the Tawallah Group and in particular the Wollogorang Formation
- Excellent tool for mapping out stratigraphy
- 5 Conductors identified in the Wollogorang
- 3 large conductors between 80-400m depth within the Mallapunyah Formation
- 1 strong basement conductor at the base of the Settlement Creek Dolerite



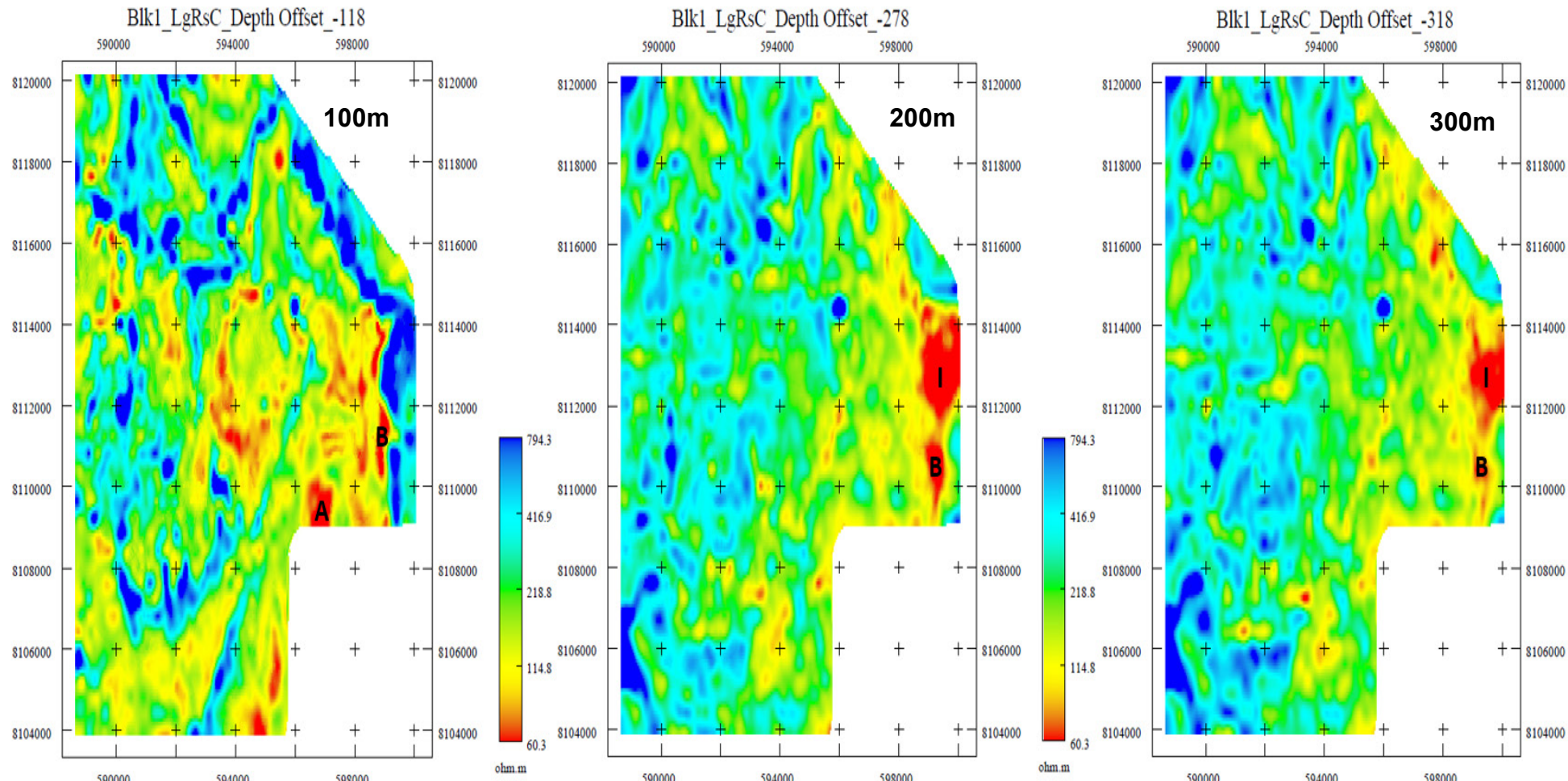
McArthur River Copper Project – Wologorang Formation



- High quality data allows clear stratigraphic and structural definition
- Strong shallow conductor for immediate drill testing
- Secondary copper mineralisation at surface over 200m of strike at the up-dip projection of the conductor
- Copper results at surface up to 44% Cu
- Multiple areas for follow up geophysics

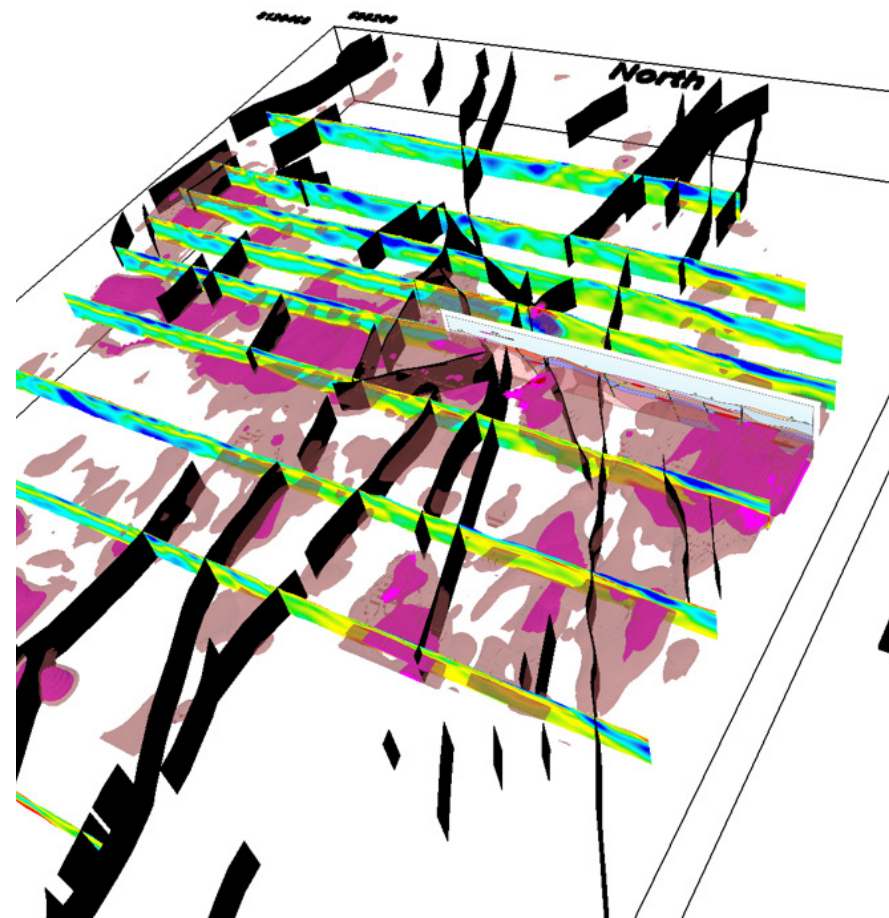
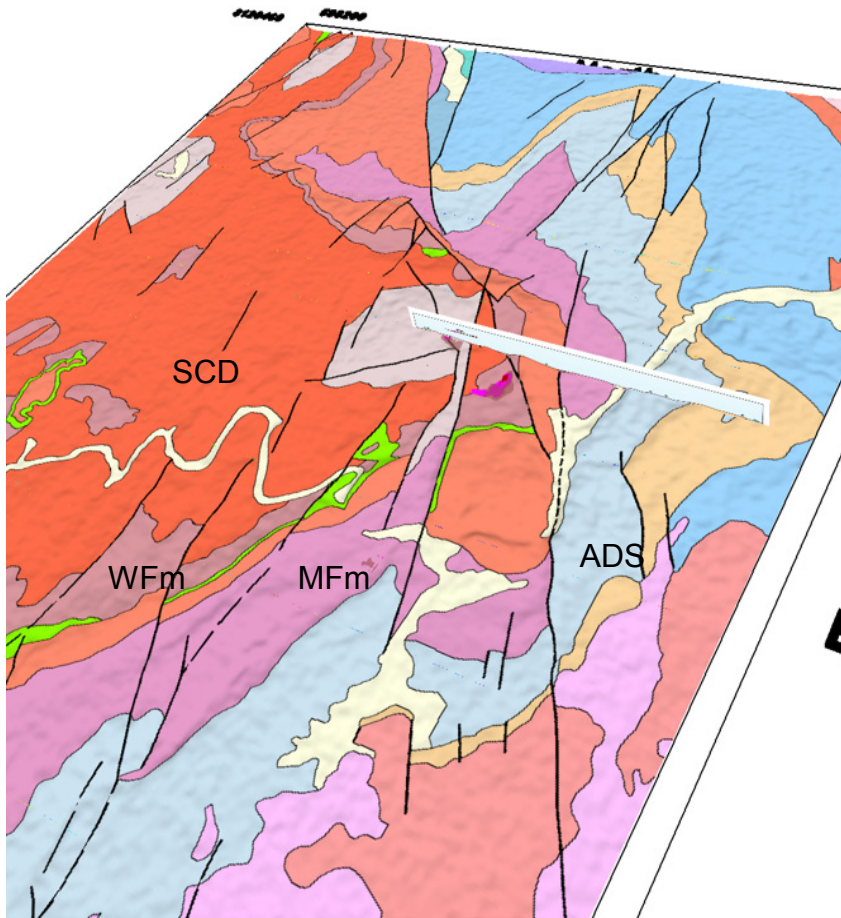


McArthur River Copper Project – Mallapunyah Formation



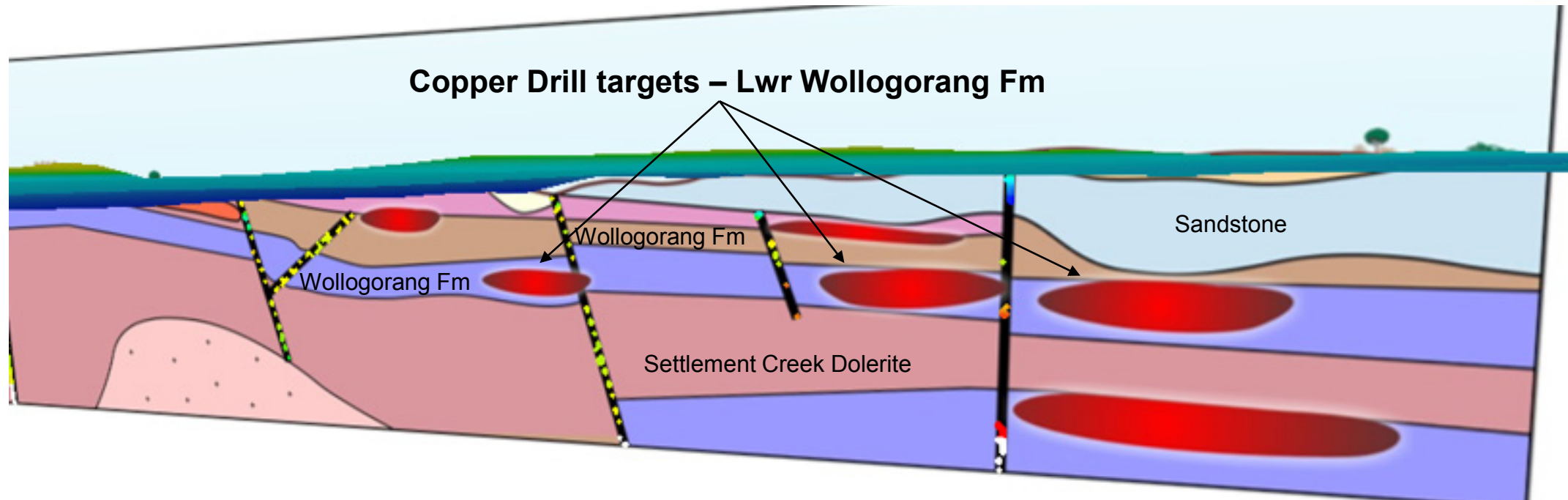
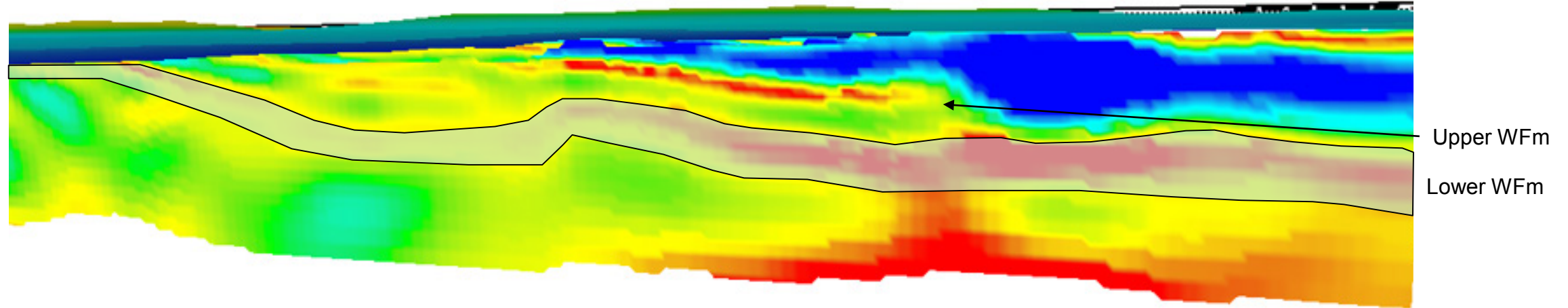
- Large conductors in the Mallapunyah on the eastern side of the survey area over 3 depth slices -

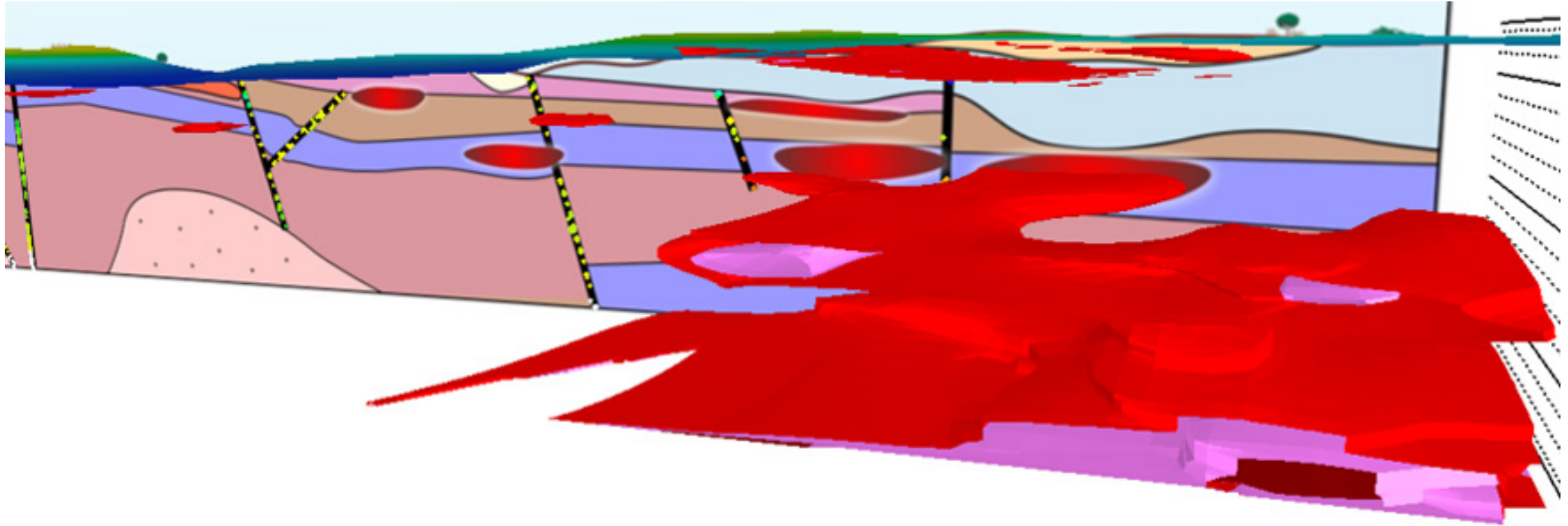
McArthur River Copper Project – Geological Context



- Solid geology overlain on the SkyTEM data to constrain modelling
- Faults isolated and projected onto section

McArthur River Copper Project – 2D modelling



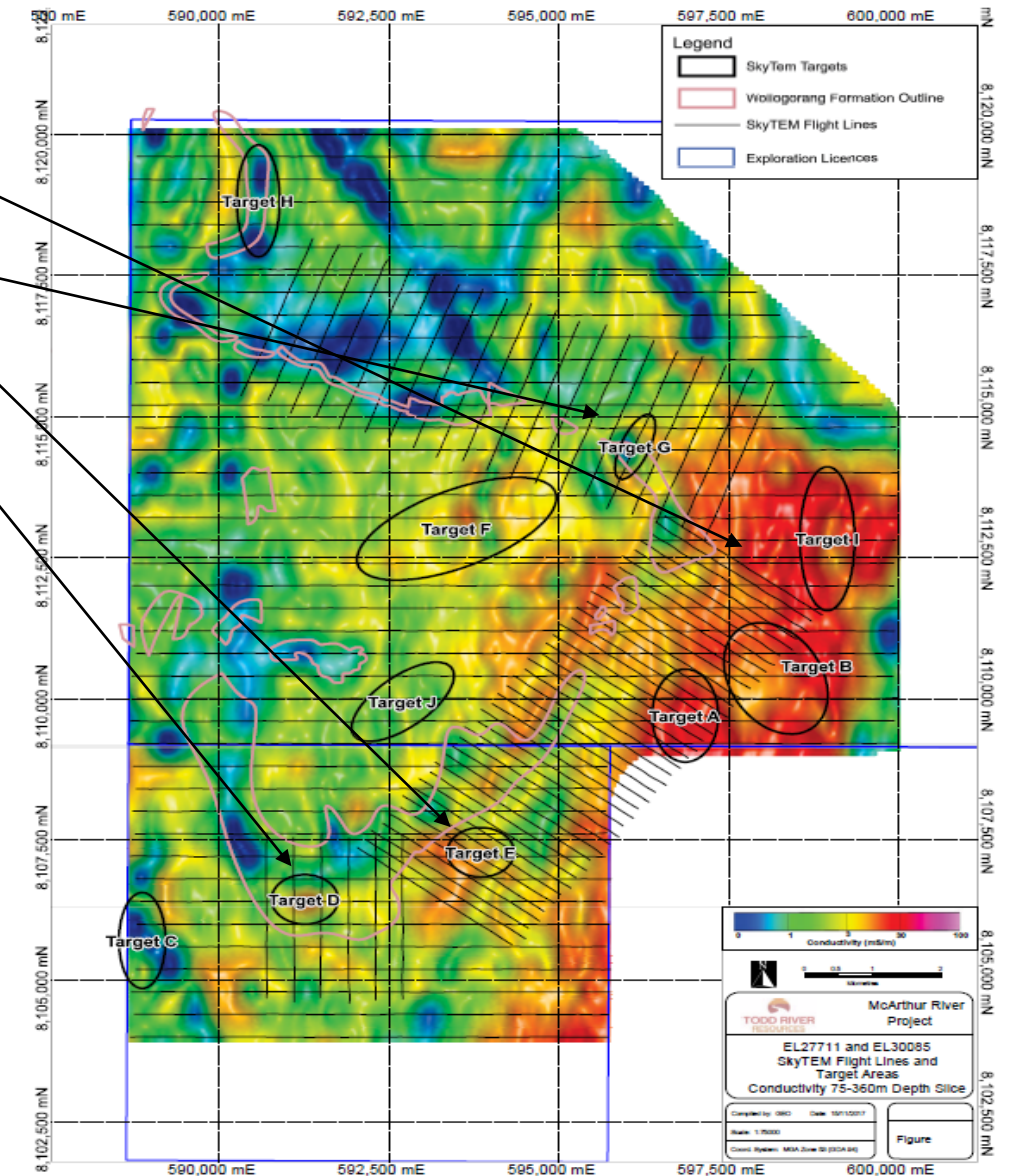


- *3D conductivity wireframes representing shale units modelled in isolation*
- *Within this target the hot spots for follow-up/drilling*

McArthur River Copper Project – Work Program 2018 and beyond...



- Further refinement of SkyTEM data over eastern Mallapunyah Formation conductors - **ongoing**
- Walk up drill targets on the Wologorang Formation conductors – **Q3 2018**
- Drill hole into deeper basement conductor – **Q3 2018**
- First pass exploration on new ground north and south of current tenure – **May/June**
- Follow up drilling **later 2018 or 2019**
- **Update – AGES 2019**



Project Portfolio – base metals and gold focus



Soldiers Creek

- Prospective for lithium, tin and tantalum, as well as other pegmatite-hosted and greissen related elements and minerals

Manbarrum

- MVT Zn-Pb-Ag
- +22Mt of JORC estimated resources*
- Near-term development opportunity

Goddards (application)

- Copper Prospect

Walabanba

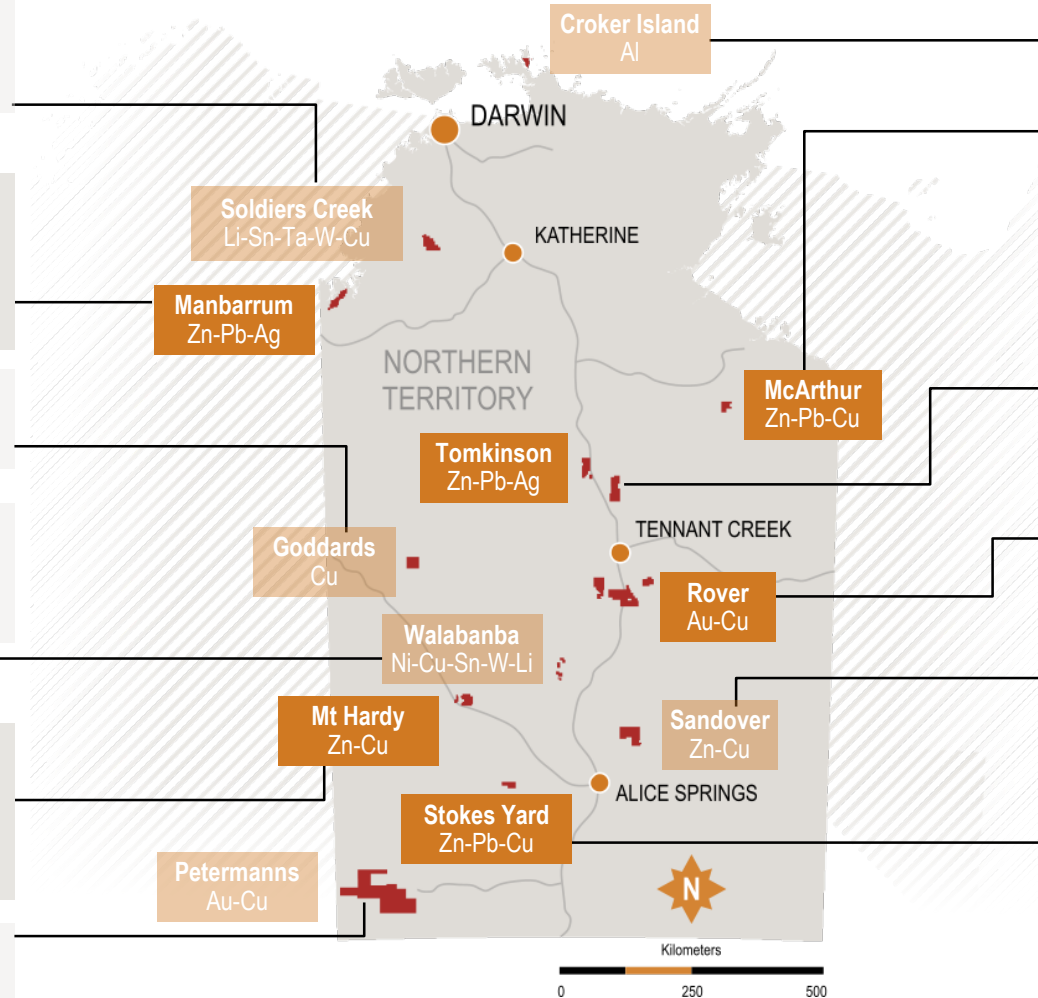
- Anningie pegmatite Li-Sn-W
- Anningie Tin field

Mt Hardy

- 17 EM targets, 7 drilled
- Significant thick intersections of Copper and Zinc
- Drill ready targets

Petermanns (applications)

- Prospective for gold, uranium, copper, nickel and base metals



Croker Island – (application)

- Prospective for bauxite and diamonds

McArthur

- 2.5km Zinc-Lead-Copper surface anomalous zone
- High quality SkyTEM anomalies to follow up
- Drill ready targets

Tomkinson

- Newly recognised province prospective for SEDEX-style base metals (Zn-Pb-Cu-Ag) similar to McArthur river

Rover

- Tennant Creek style high grade Au-Cu targets
- Prospective for gold, copper, bismuth and base metals

Sandover (applications)

- Located in highly-prospective Irindina Province
- Prospective for base metals, gold, rare earth and uranium

Stokes Yard

- Historical sampling results of up to 27.5% Zn, 7.5% Cu, 12.2% Pb and 130ppm Ag
- Near recent greenfields discovery at Bumblebee (ABM Resources/ Independence Group)

* 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



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THANK YOU

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