

**SKY HUNTER** 

Predicting the presence of oil and natural gas

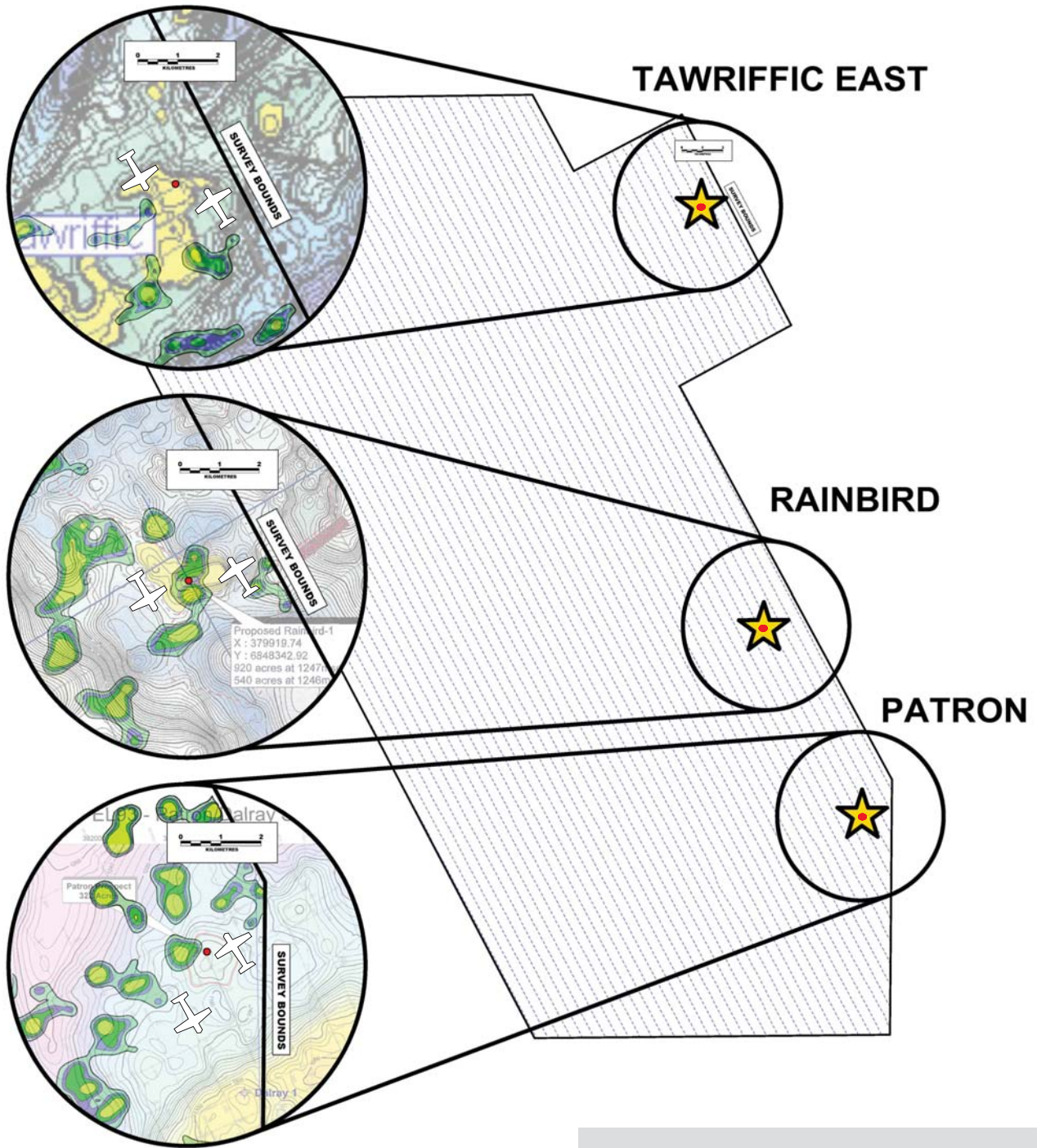
## Case Study

# Using Microseep Footprints for Play Types



**COOPER BASIN, SOUTH AUSTRALIA**

PEL 93, South Australia, survey area



Background is Namur Structure

- Three wells drilled post survey
- Two out three predictive, 67%



# Conclusions and Recommendations

## 1) Drill on footprint

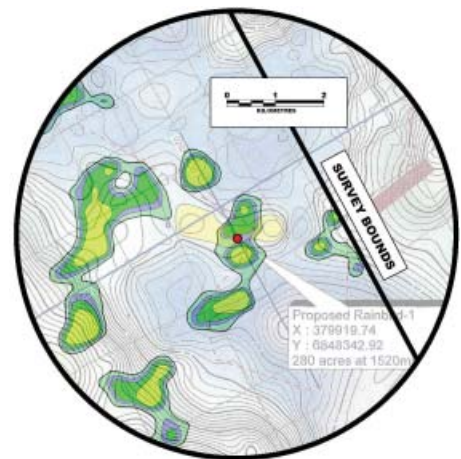
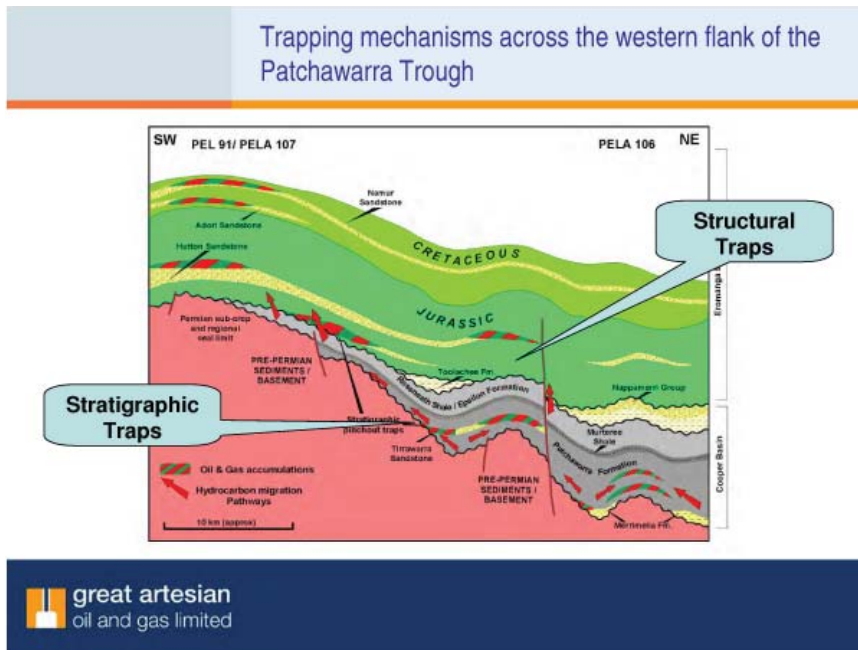
Tawriffic and Patron were both drilled away from footprints and were abandoned

## 2) From Rainbird, Use footprint to aid in play type

No hydrocarbons encountered at Namur four way dip structural closure  
The orientation of structural closure map and footprint are oblique to each other  
Gas anomalies and residual oil were reported in the Patchawarra sandstone  
The Patchawarra is a stratigraphic trap capped by the Murteree shale  
The footprint over the Murteree shale structure shows the trap flanking the highs with a thick Patchawarra unit developed, likely in the low and wet central portion of the channel (circle below)

Cooper Basin stratigraphic play types in addition to four-way dip closures should be considered in selecting drill locations

## 3) Select drillsite locations based on highest geochemical readings



Rainbird on Murteree

# SKY HUNTER

Sky Hunter Exploration is a Calgary, Canada-based company that provides a valuable exploration tool to oil and gas companies worldwide. Sky Hunter uses proprietary technology to conduct airborne surveys that map microseep data. In turn, this data predicts the presence of pressurized hydrocarbon reservoirs for further exploration, development and production by traditional methods.

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