



McMULLENNOLAN GROUP

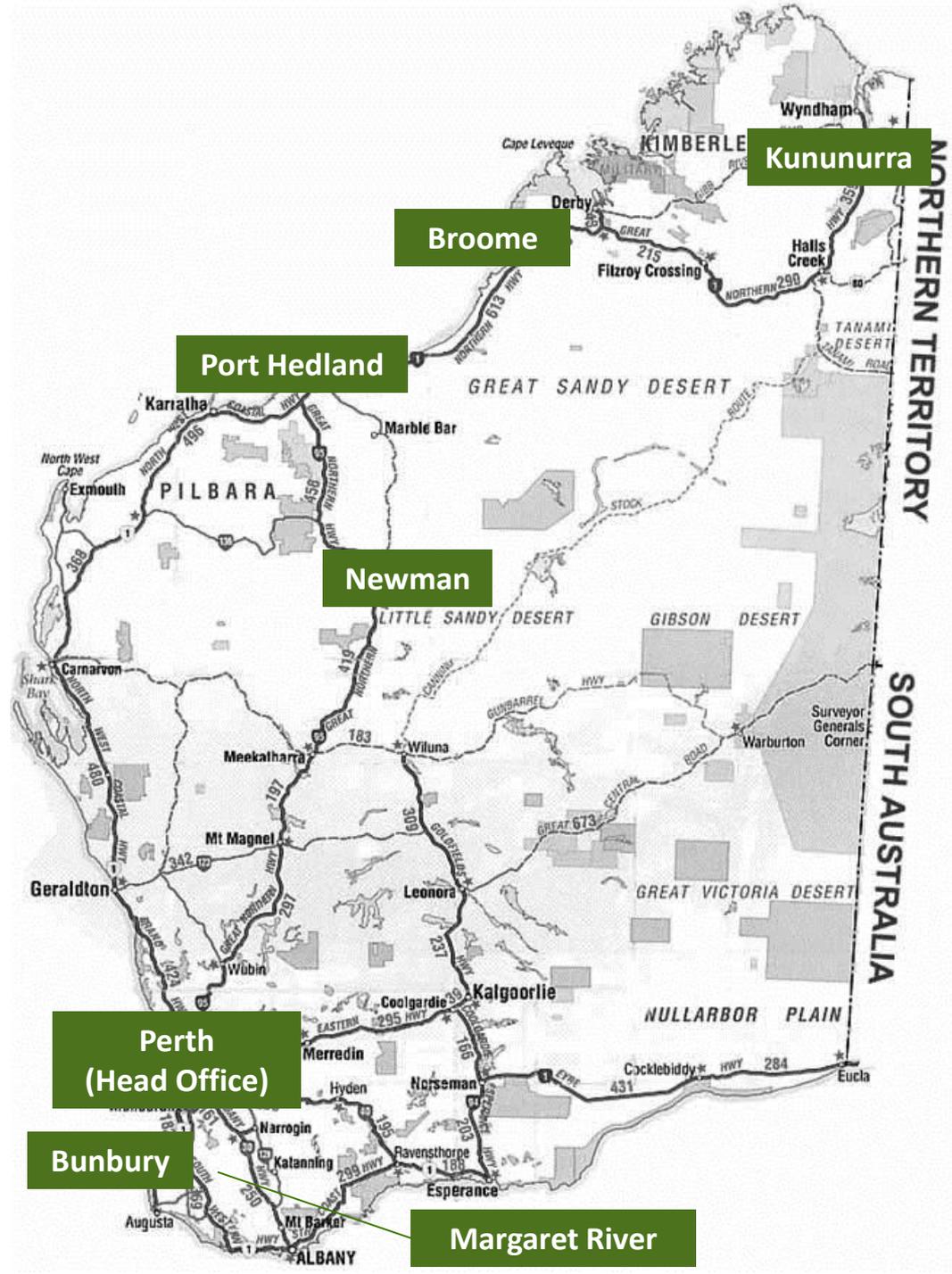
Surveying Excellence

Good morning



McMullen Nolan Group - celebrating 25th anniversary in 2014

Multi-disciplined spatial company with more than 130 employees providing industry leading survey and geophysical services across Western Australia and beyond via our strategic office locations.



AERIAL, MOBILE and TERRESTRIAL LASER SCANNING – MNG does it all



SAFETY and ACCURACY

Flying, Driving or Indoors we are accurate, quick and non-invasive

Aerial Survey –

- Survey large areas with no disruption and no intrusion onto private property.
- Minimise confrontation and risk.

Mobile Survey

- No road closures
- Safe working conditions – within a vehicle travelling at legal road speeds and following all the road rules.

Terrestrial and PLS

- Minimal disruption
- Work from safe areas and scan from a distance
- Fast compared to other methods

INFORMATION DENSITY

Flying, Driving or Indoors we collect a huge amount of accurate data

Benefits of Laser Scanning

- Massive amounts of data
- Rapid collection
- Extract to CADD in the office
- Use and Re-use the data for multiple solutions
- Visualise the real world

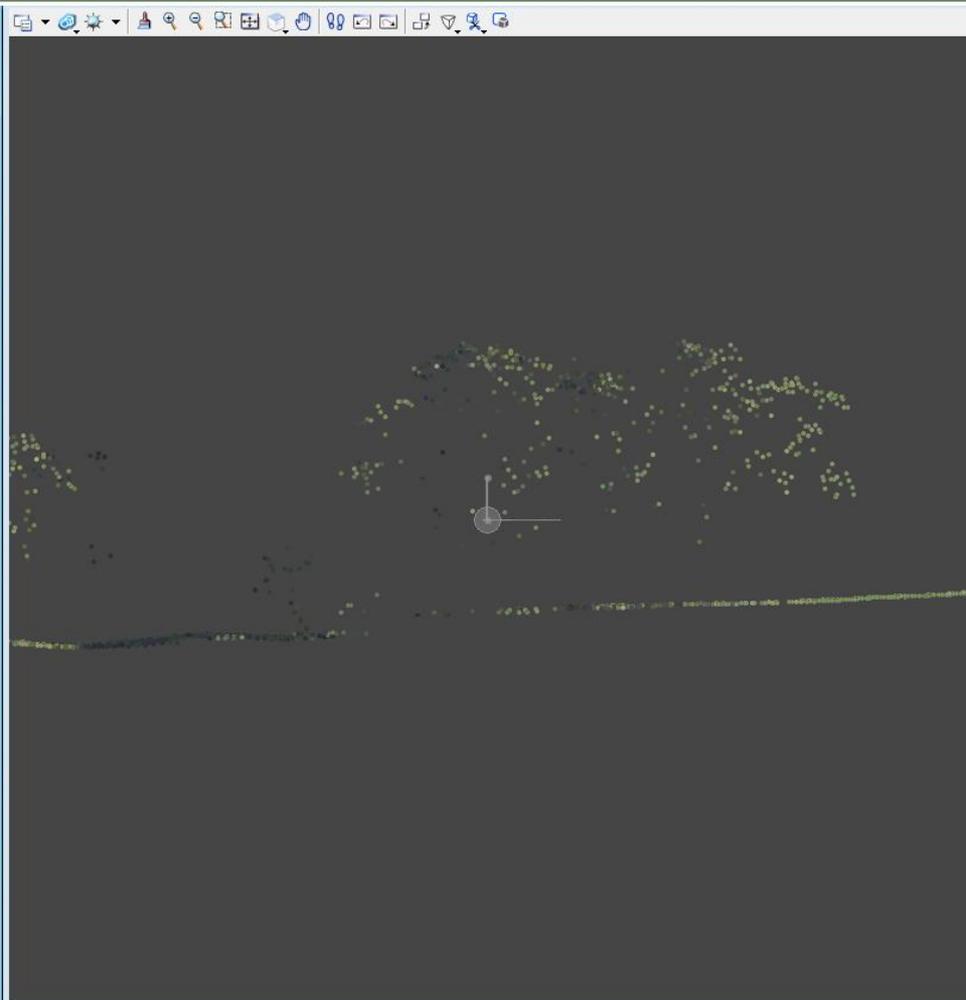
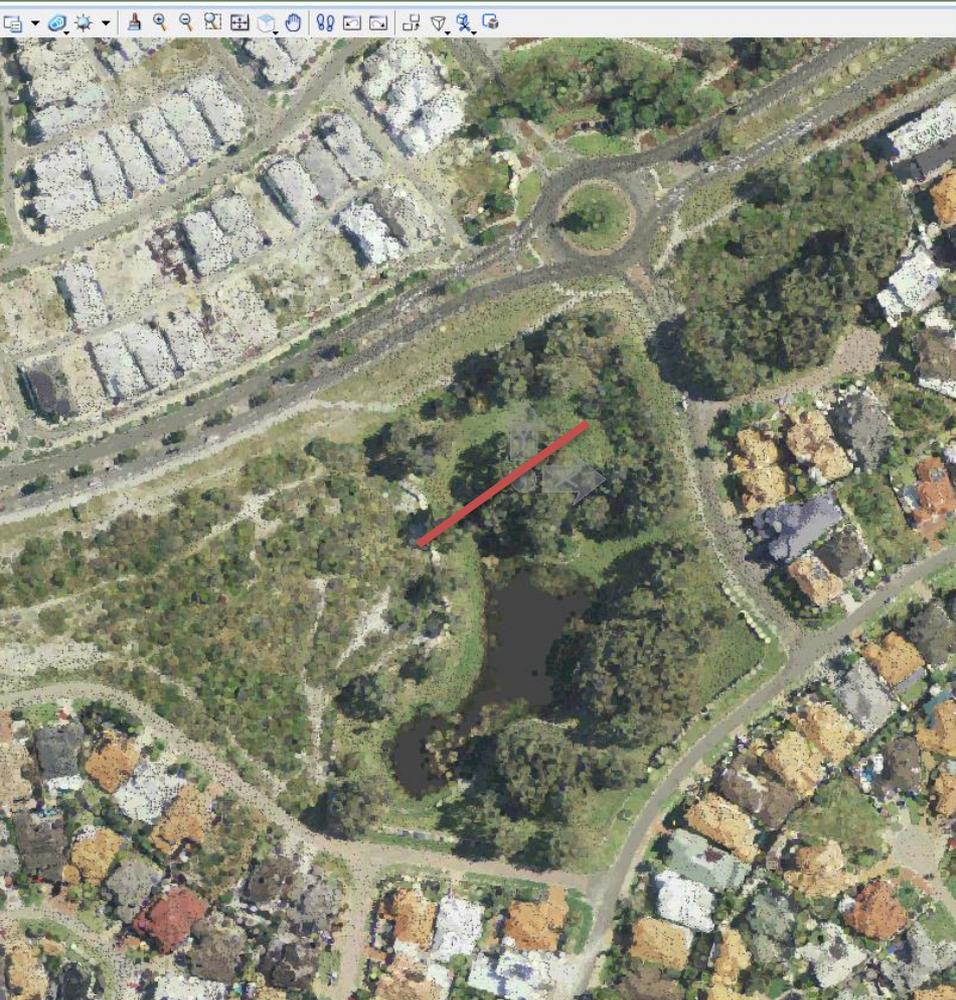
Aerial orthophoto with Scanner



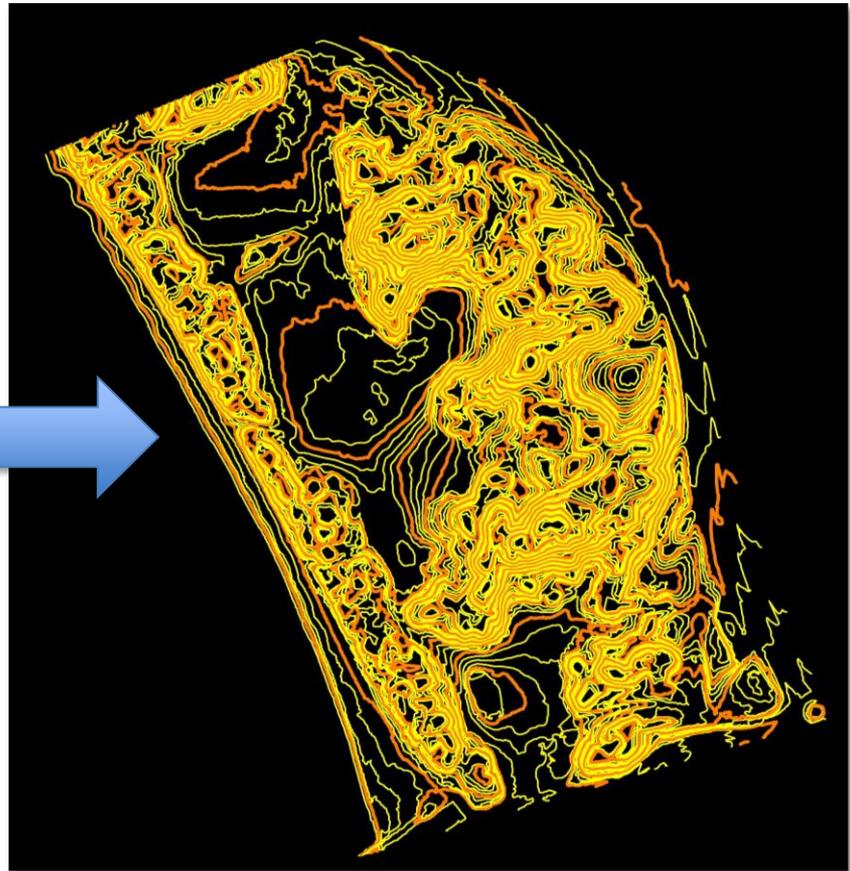
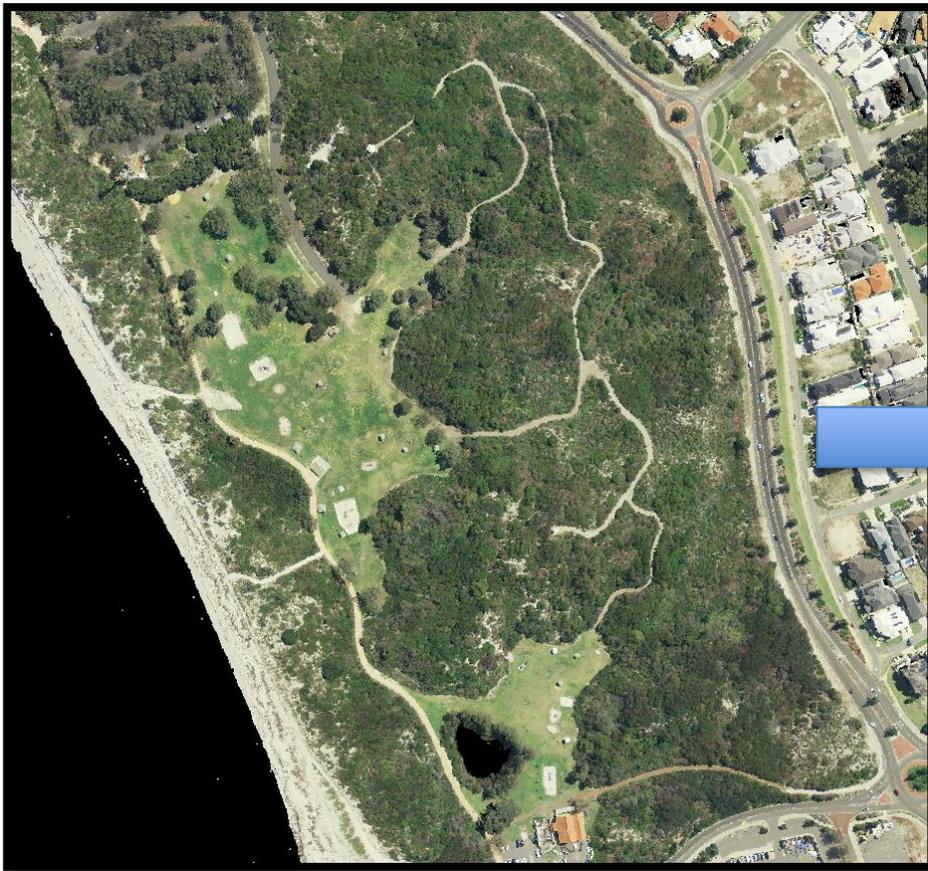
Aerial Laser Scan (3D)



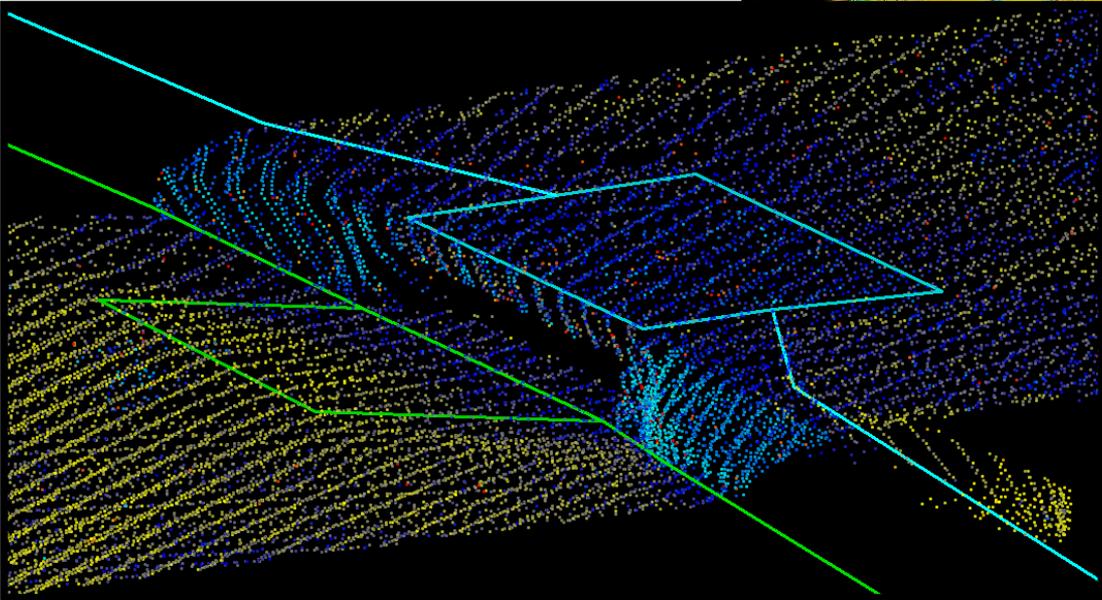
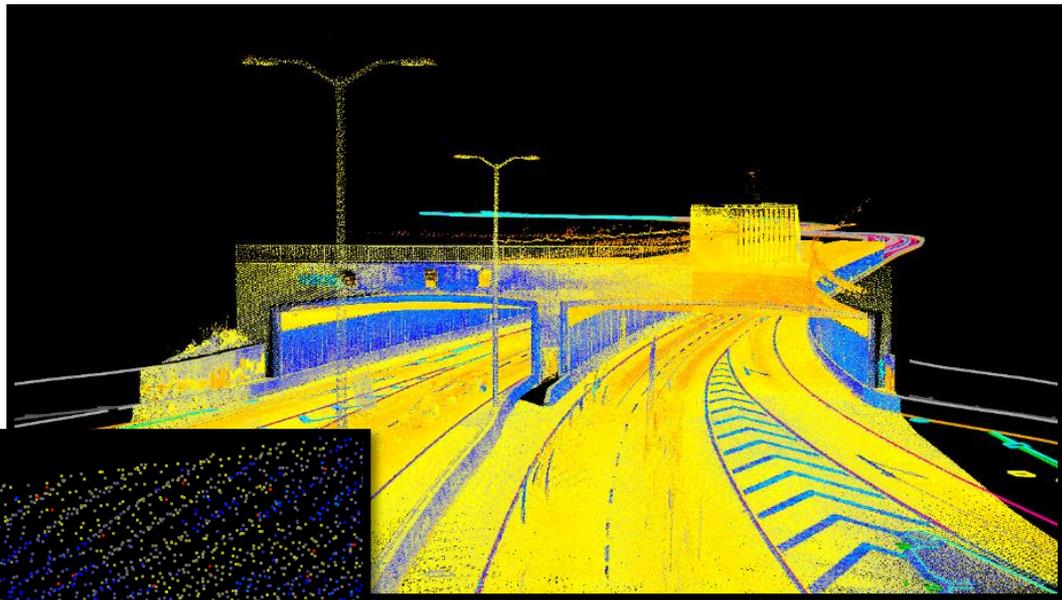
Cross section through tree



Contours 0.25m



Dumbing down the data - CADD



Laser Scanning

- Cost Effective
- Rich in information
- Survey Accurate
- Fast
- Safe
- Minimise disruptions

THANK YOU

