



Precision UAV Services

COG Consulting's experienced professional scientists, spatial analysts and engineers now have the capability to undertake precision unmanned aerial vehicle (UAV) services. With a fully licensed CASA UAV operator we can now provide our clients with cost effective, high accuracy, spatial data collection and interpretation services, using survey grade equipment.

We can help with

- Stockpile volume analysis
- Tailings dam air space monitoring
- Environmental monitoring
- Landfill air space analysis
- Rehabilitation monitoring
- Aerial inspections and asset management
- Data for stormwater and hydrological modelling
- Accident and hazardous area inspections
- Data to support development and environmental applications

Data capture capability

- High resolution aerial photography
- 3D digital elevation models (DEM)
- Topographic data extraction
- High density point cloud
- Thermal and multi spectral imagery
- High definition video (1080 HD)

COG UAV drone services offer the following advantages

- Cost effective compared with traditional data capture methods
- Data is captured and interpreted by highly experienced spatial analysts, scientists and engineers
- Reduces OHS risk by eliminating personnel access to hazardous areas
- High accuracy, high resolution
- Rapid deployment, data processing and interpretation
- Compatibility with all CAD and GIS systems

High accuracy data captured and interpreted by highly experienced spatial analysts, scientists and engineers



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