

# ROBERT MACVILLE

Senior Surveyor | Civil, Mining & Infrastructure | UAV / RPAS Specialist  
Maroochydore, QLD | 04 6886 3322 | makka.macville@icloud.com

## PROFESSIONAL PROFILE

Senior Surveyor with 20+ years' experience across civil infrastructure, rail, mining, gas and construction surveying across Queensland and Australia. Experienced in field leadership, control networks, construction set-out, UAV/RPAS operations, and engineering-grade reporting. Known for reliability, technical accuracy and delivery in high-pressure environments.

## CORE SKILLS

- Construction & Engineering Surveying
- Control Network Establishment
- Set-out & As-built Surveys
- UAV / RPAS Mapping & Photogrammetry
- Volume Calculations & Reporting
- Field Team Leadership
- Trimble GPS & Robotic Total Stations
- 3D CAD & Data Processing

## PROFESSIONAL EXPERIENCE

Senior Surveyor – Gold Coast Light Rail Stage 3 (2025–2026)

Control survey support for major light rail infrastructure. Re-established control networks, coordinated multi-stage works, and liaised with engineers and project managers across active construction zones.

Audit Surveyor – Mining & Civil (2022–2025)

Production auditing, conformance reporting, UAV operations, and mining technical support including tailings and earthworks reporting.

UAV Surveyor – Carmichael Coal Project (2020–2022)

UAV operations and mining technical support including tailings and earthworks production reporting.

Engineering Survey Contractor – North Surveys (2017–2019)

Residential and civil construction surveying including set-out, cadastral support and client liaison.

Lead Survey Technician – Bechtel APLNG (2012–2017)

Progressed from Survey Assistant to Lead Technician. Managed field teams, control surveys, and construction set-out on large-scale LNG infrastructure.

## EDUCATION & TRAINING

- Cert IV Surveying (CPP40112)
- Diploma (In Progress) Spatial Sciences – University of Southern Queensland
- UAV / RPAS RePL + Chief Pilot Accreditation

## SOFTWARE

Trimble Business Centre | 12d Model | AutoCAD | MicroStation | Agisoft | Propeller Aero | Terramodel | Topcon