



YEARS EXPERIENCE

- ▷ 8+

QUALIFICATIONS

- ▷ Bachelor of Science Degree – Geophysics (major), Environmental Earth Science (minor)
- ▷ Apply First Aid
- ▷ Construction Induction (White Card)
- ▷ Enter and Work in Confined Spaces
- ▷ Work Safely at Heights

PROFILE

James graduated from Macquarie University in 2013, obtaining a Bachelor of Science degree, with a major in Geophysics and minor in Environmental Earth Science. Directly before finishing his degree, James joined MALA GPR Australia in February 2013. His initial role was Geophysical Field Assistant for Ground Penetrating Radar (GPR) projects undertaken around Sydney and Interstate Australia. In 2015, James became solely responsible for running and managing the consulting sector within MALA GPR Australia. This role involved project management, client relations, business development, tender/quotation submissions, geophysical field work, data processing and interpretation, geophysical report writing, travel logistics and staff management. In 2017, James was also provided the role of primary GPR instrument and software trainer. This responsibility included Sydney based and regional travel to provide full day training courses to new and existing clientele on GPR theory and practical learning modules.

To this day, James continues to manage the consulting and training sectors within MALA GPR Australia and has been involved in a range of projects across Australia and internationally in Sri Lanka, Fiji, Indonesia, and the Philippines.

Throughout his years as a Geophysicist, James has experience in GPR, Magnetics, Resistivity, and other Electromagnetic techniques. James specialises in 3D GPR acquisition and 3D data processing of GPR data.

PROFESSIONAL PROJECT EXPERIENCE

- ▷ 3D GPR cemetery investigation - Northern Metropolitan Cemeteries Trust; North Ryde, NSW
- ▷ 3D GPR void investigation - Brookfield GIS; Williamstown RAAF Base, NSW
- ▷ 2D Borehole GPR hydroelectric dam investigation – Nuwara Eliya, SRI LANKA
- ▷ 2D GPR coal seam investigations – BHP; Bowen Basin, QLD
- ▷ 2D GPR concrete investigation – GHD; Warragamba Dam, NSW
- ▷ 2D GPR instrument and software training for Nickel Laterite investigations - South East Sulawesi, INDONESIA
- ▷ EM bedrock investigation – Veris; Bowen Basin, QLD
- ▷ 2D GPR Aboriginal heritage investigation - RPS Group; Coffs Harbour, NSW
- ▷ 3D GPR heritage investigation - RPS Group; Badgerys Creek Airport, NSW
- ▷ Underwater GPR investigation - Whitsunday Regional Council; Airlie Beach, QLD
- ▷ 2D GPR structural dam investigation – Leed; Porters Creek, NSW
- ▷ 3D GPR concrete investigation – Radiotech; Melbourne Airport Tullamarine, VIC
- ▷ EM and MAG contaminated land investigation – TEMCO; Bell Bay, TAS
- ▷ 2D GPR tomography investigation – PASAR; Isabel, PHILIPPINES
- ▷ 2D GPR instrument and software training for freshwater well detection – Pacific Community; Suva, FIJI
- ▷ 2D GPR shipwreck investigation – Warrnambool, VIC
- ▷ Additional relevant project experience available upon request.