



Capability Statement

About Us

Whitech Utility Locates specialises in locating, identifying and protection of underground services in the metropolitan and regional areas of Western Australia. With over 15 years of experience in the industry, our team prides itself on delivering a high level of quality work to meet the client's satisfaction.

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Services Provided

Utility Locations



As a DBYD accredited Locating company, Whitech Utility Locates prides itself on locating underground services with the latest technology to pinpoint the exact proximity of the service.

- Water (Mains & Domestic)
- Sewer Mains (Mains & Domestic)
- Telecommunications Cables
- Optic Fibre Cables
- Power Assets
- Gas Mains
- Stormwater



Vacuum Excavation

We use Non-Destructive Digging (NDD) Vacuum Excavation to confirm and identify underground assets to ensure compliance with Australian Standard AS 5488-2013 Subsurface Utility Information (SUI) Quality A (QL-A)

- Vacuum excavation to meet your project needs
- Potholing of utilities
- Exposing utilities for accurate depth and survey recording
- Non-destructive excavation for utility installation
- Excavation under existing structures
- Excavation across conflicting services
- Excavation around tree roots where utility conflicts exist



Clash Detection

Our specialist modelling teams can develop 3D models from your design plans and documents, allowing you to compare this with existing site conditions to verify potential clashes, before they occur on site.



Services Provided



Ground Penetrating Radar (GPR)

Whitech Utility Locates utilises Ground Penetrating Radars (GPR) to identify underground assets in a non-invasive manner. GPR is preferable to traditional, invasive methods of service locating, such as potholing, and enables our team to conduct 'blind searches', should our clients not have access to existing utility information.

What does it detect

- Metal
- Plastic
- PVC
- Concrete
- Natural Materials

Different surfaces it can be utilised-

- Bitumen Roads

- Grass
- Concrete Slab
- Many other surfaces

Utility Mapping & Survey



Whitech Utility Locates offer a range of CAD (Computer-Aided Design) and BIM (Building Information Modelling) 3D modelling services. Our team has a wealth of knowledge and experience to undertake any 3D modelling or drafting projects and can provide the following services:

- Plan Sets
- 3D Models
- GIS
- 12d
- BIM 3D Modelling
- Asset Visualisations
- UAV Imagery

Multi-Array GPR

STREAM DP 3D SUBSURFACE MAPPING

Whitech Utility Locates uses the Stream DP multi-array Ground Penetrating Radar system to capture high-density subsurface data across roads, paths and open areas.

A more complete view below the surface

Multiple antenna channels collect closely spaced scans in a single pass, creating a detailed 3D dataset that supports the identification and interpretation of underground services and other subsurface features.

Key Benefits

- Detailed 3D representation of the surveyed area.
- Improved coverage in complex and highly congested service corridors.
- Efficient collection across larger areas compared with single-line scanning.
- Data can be reviewed from multiple directions during off-site processing.
- Survey-positioned results suitable for integration into project drawings.

Typical Applications

- Utility mapping in roads, intersections, verges and footpaths.
- Investigation of congested areas where services overlap.
- Large-area scanning and corridor investigations.
- Identification of buried pits, structures, voids and other anomalies.
- Supporting design, construction planning and clash detection.

Integrated Investigation

Multi-array GPR is used alongside electromagnetic locating, BYDA information, surface evidence and survey control to build a more complete understanding of subsurface conditions.

Deliverables: interpreted service mapping, CAD/DXF data, PDF plans and project reporting.

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