

NWPNET029 – Locate, identify and protect utilities (trained and assessed using GPR)

DURATION

This course is delivered in 2 parts.

On-line theory component, to be completed at your own pace and two days face-to-face practical session.

COMMENCEMENT

Once enrolled you can complete the material at any time. The schedule of the practical face-to-face component is available by contacting Locating Unlimited

LOCATION

This training is delivered at venues in each mainland State capital. Locations will be advised by contacting Locating Unlimited

COST

\$1,495.00 – GST free.

CONTENT

- Standard GPR search patterns
- GPR best practices
- Basics of data processing
- GPR operating proficiencies
- Basics of data processing
- Documentation of findings
- Field exercises and discussion

OUTCOME

On the successful completion a Statement of Attainment for NWPNET029 - Locate, identify and protect utilities is issued.

Ground Penetrating Radar (GPR) use radio waves to non-destructively locate objects and subsurface structures in materials like soil, rock, concrete, asphalt, wood and water.

A major application area for GPR is the detection and mapping of buried utilities.

This training is aimed at Utility Locating Professionals, who currently operate in the field using other locating technologies to locate underground utilities. Professionals wishing to upgrade their skills and knowledge will be able to provide a wider range of services to their clients.

When access to the utility is difficult, or when an electrical current does not flow (i.e., non-metallic element or broken connection), or external interference makes detection impossible, GPR provides an alternative.

GPR is deployed in two ways for utility locating:

The most common is locate and mark as you go. The second is more powerful; mapping the area to create subsurface images or depth slices. Both methods are covered by international experts in the field who deliver the practical face-to-face component of the training.