

Learn GPR - Ground Penetrating Radar Fundamentals

Ground Penetrating Radar (GPR) is a powerful tool that has applications in numerous fields. This course is aimed at entry level participants, who wish to learn and understand the technology behind this exciting equipment. From finding water on Mars to locating underground utilities, Ground Penetrating Radar is the technology of choice.

LEARN GPR - GROUND PENETRATING RADAR FUNDAMENTALS

GPR is a rapidly developing field that has seen tremendous progress over the past 15 years. The development of GPR spans aspects of geophysical science, technology, and a wide range of scientific and engineering applications. It is the breadth of applications that has made GPR such a valuable tool in the geophysical consulting and geotechnical engineering industries, has led to its rapid development, and inspired new areas of research.

GPR works by sending a tiny pulse of energy into a material and recording the strength and the time required for the return of any reflected signal. A series of pulses over a single area make up what is called a scan. Reflections are produced whenever the energy pulse enters into a material with different electrical conduction properties or dielectric permittivity from the material it left.

Locating Unlimited is a Registered Training Organisation delivering both accredited and non-accredited training. **RTO ID45518**



Delivery Method

This course is delivered all on-line, in an easy-to-use self-managed format



Award

On the successful completion of this course a Certificate of Completion is awarded



Investment

Premium course for an economical investment.
\$100.00 (plus.GST)



Key Areas

- How the equipment works
- How to use the equipment
- Understanding Dielectrics
- How Hyperboles are formed