MALA GROUND PENETRATING RADAR (GPR) TRAINING

Delivered by GPR & Utility Experts from Mala & Sygma Solutions Ltd

Completely Free of Charge

The course is certified and mapped to the ProQual Qualifications so can be used as evidence towards your level 4 or 5

There are a 2 options to complete ➡️

01 Attend all 3 modules online & live with one of our interactive online sessions followed by module 4 at our **Utility Mapping Training Centre in Wigan.**

02 Join us in person for 2 days to complete the whole programme at our **Utility Mapping Training Centre in Wigan**

MODULES

Module 01

GPR Theory (2 hours)

- ✔ Introduction to GPR
- ✔ Theory of GPR
- ✔ What is a GPR signal
- ✔ What is a radargram
- ✔ Hyperbola and layer reflectors
- ✔ GPR frequency and its effect on depth penetration & resolution Signal velocity
- ✔ HDR (High Dynamic Range) Technology
- ✔ Depth measurement and how to improve accuracies
- ✔ GPR limitations

Module 02

GPR Data (60 mins)

- ✔ Interpretation of GPR Data
- ✔ Data Examples

Module 03

Data Post Processing Object Mapper Software (90 mins)

- ✔ Data management and transfer from the GPR
- ✔ Object Mapper Software
- ✔ Importing the data
- ✔ Processing the data
- ✔ Using filters
- ✔ Hyperbola fitting
- ✔ Google maps/earth
- ✔ Exporting to CAD

Module 04

Module 4 - Practical

- ✔ How to conduct a GPR survey
- ✔ PAS128
- ✔ Setting up the GPR
- ✔ Controls & features
- ✔ Setting up a GRID
- ✔ Base line set up
- ✔ GPS
- ✔ Collecting data
- ✔ Post processing the data collected

For an up to date schedule and to book please contact
enquiries@sygma-solutions.com