

Geonics EM61 MK II Metal Detector

Description

Southern Geophysical's EM61-MK2 is a high sensitivity, high resolution, time domain metal detector suitable for the detection of both ferrous and non-ferrous metal. Typical target response is a single, sharply defined peak, facilitating quick and accurate determination of location. Achievable depth of detection will depend on several target characteristics, with the surface area and orientation of the target of particular importance. A single 200 litre (55 gal.) drum can be detected at depths greater than three metres.

Data from multiple time gates -- three or four, user-selectable -- are recorded to provide a description of the response decay rate, supporting both the characterization and limited discrimination of targets. Data collection is undertaken using a PC tablet based Data Acquisition System.

The system can be pushed or pulled as a trailer, by person or vehicle. As may be required, with the addition of a backpack and associated cable set, the system can be carried by a single person with a belt harness.

Uses:

UXO, UST, Archeology, Deep utility mapping, Lost well locating.

