

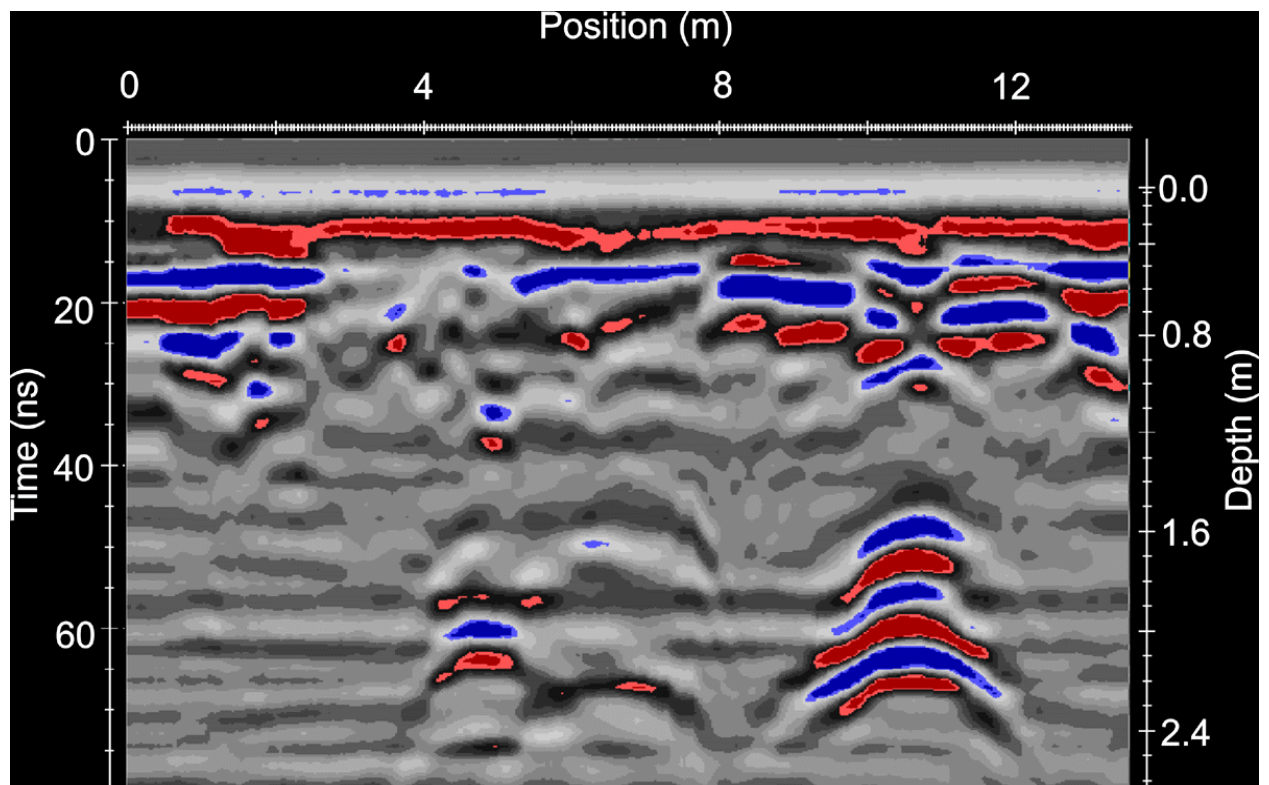
## GPR for the Location of Grave Sites

### *Introduction*

Ground Penetrating Radar (GPR) can be used for the location of forensic targets throughout the world, including grave sites.

The following example was from a survey undertaken outside Wollongong in NSW, to locate and map the location of a number of unmarked grave sites, the position of which was required for historical information.

The section below shows three grave sites.



### *Survey Specifications*

The data was collected with the RAMAC/GPR CU11 Control Unit and a 500 MHz Shielded Antenna connected to the Control Unit via fibre optics cables. The RAMAC GPR System is manufactured by Mala Geoscience in Sweden. The data was acquired on a Notebook Computer for display and data storage.

The data was collected at 0.05 metre interval and each trace was stacked 16 times.



### *Summary*

The GPR data for the grave sites is not clear in defining the position of the graves, however the interpreter used other features to locate the grave including the indicates of the sides of the trench dug for the grave and slight depressions in the ground surface indicating ground subsidence due to the soil consolidation.

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