

CASE STUDY

CHOBHAM MANOR

Over two visits to Chobham Manor Lankelma completed a magnetometer survey for a new housing development at Chobham Manor, near the Queen Elizabeth Olympic Park in Stratford.

Working for Planit International, and its client Taylor Wimpey, Lankelma completed a total of 246 nr. magnetometer probes over two visits to depths of 12m through made ground, soft silt and River Terrace Gravels. Clearing each location to a radius of 1.5m, the data was used by Planit International in advance of piling.

The magnetometer probe measures the earth's magnetic field in 3 orientations. If a ferrous object is encountered, the deviation in the magnetic field will be plotted at that depth.

PROJECT SPECIFICATION

LOCATION	Chobham Manor, Stratford
CLIENT	Planit International
DATE OF WORKS	June 2014 & December 2014
TESTING UNDERTAKEN	Magnetometer
RIG	UK15

“The magcone detects ferrous items, such as UXO, during a standard CPT, effectively halving site investigation by providing the geotechnical soil profile at the same time as giving the ‘all clear’,” said Lankelma Managing Director Eric Zon. “CPT was the ideal tool on this project, where surface clearance was not possible as there was a significant depth of Made Ground.”



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