



Magnetometer testing in London

Client	Expanded Geotechnical
Location	Nine Elms Square, London
Duration	1 week
Scope	Magnetometer testing

Lankelma carried out an investigation at Nine Elms, in south London, for Expanded Geotechnical, involving magnetometer testing to clear the development site of any unexploded ordnance (UXO) ahead of further intrusive works.

The client's desk study identified a medium risk on parts of the site, so Lankelma were instructed to undertake magnetometer testing as a quick technique to clear the site, with production of up to 150m testing per day.

By taking real time measurements of the amplitude of the earth's magnetic field the magnetometer is capable of detecting small to large unexploded ordnance within a 1.5m radius and real-time data analysis.



The 31 tonne wheeled truck, UK17, completed 75 tests to 9m, successfully clearing the site, working with a specialist company who provided clearance certificates for the testing.

The regeneration of the Nine Elms Square area will see construction of a mixed-use development including a high-rise residential buildings, shops and offices.