

PROJECT REVIEW

LONDON, ENGLAND

CPT 021, 'Gary' completed a project at the site of a former gas works in central London. The previous buildings had already been demolished down to ground level where the foundations of three gas holders remained in situ.

At the time, there was no reliable information about the exact location or depth of the footings so an investigation was needed to be carried out in order to see if they could be identified. CPTs were ideal for this task because of their speed and our ability to adapt the investigation as it proceeded.

Working closely with our client, a number of CPTs were carried out around the perimeter of each of the three former gas holders. Some of the tests refused in the made ground in the gravel and some got through down to 15meters; where no foundations were identified. At one location, we managed to find part of a foundation at 8.5m deep. We immediately moved a further 50cm out and retested; no foundation here. This strategic process enabled us to successfully delineate the footings of the former gas holders and provide quality data for our client.



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