

Piletec Geotechnical Ltd

Unit 3 Bramley Way, Hellaby Ind Est, Hellaby, Rotherham, South Yorkshire, S66 8QB
T: 01709 730873 F: 01709 730637 W: PILETECGEOTECHNICAL.COM

Mr Andy England
1 Horncroft
Cawthorne
Barnsley
S75 4HS

18th November 2019



For the attention of Mr A. England

1 Horncroft, Cawthorne, Barnsley

Further to your instruction; following the drilling works on your project at 1 Horncroft in Barnsley, South Yorkshire, please find attached the following documentation;

- Drilling Log
- Coal Authority Information

We can confirm that the drilling and grouting works have been completed in accordance with the Coal Authority Permit Certificate, numbered 19070.

A water flush medium was used to drill each of the boreholes identified on the borehole plan. The drillers interpretation of the strata can be found on the drillers logs attached to this document. Boreholes across the site were drilled from existing ground level, all to a depth of thirty metres.

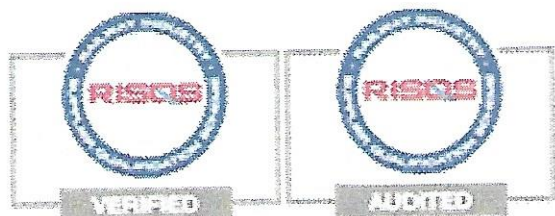
The drillers interpretation of strata identified two coal seams present below the site, the first was encountered between five and six metres deep and the second between eight and eight and a half metres deep. The seam thickness of both varied from 0.5m to 1.0m thick, both were found not to be worked. Advancing all three boreholes to thirty metres found no evidence of any soft, broken or voided ground.

Gas monitoring was carried out at regular intervals during the works, monitoring was taken both prior to and during the drilling works from ground level at the location of the boreholes. The gas monitor used was a MSA Personal Gas Detector, suitable for monitoring CO, H₂S, O₂, SO₂ and NO₂ gases. No gases were recorded during the drilling works.

I trust the works have been completed to your satisfaction, should you have any queries or wish to discuss the content of our report further, please do not hesitate to contact us.

Regards,

For Piletec Geotechnical



Managing Director: M. Lopia
Director: M. Godber
Co. Registration No: 04556070
VAT Registration No: 808 7206 27