



nkc Geotech Ltd

engineering geologists specialising in the investigation and treatment of disused mineworkings

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Coppi Industrial Estate
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2105
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Dear Barry,

Coppi Industrial Estate - proposed industrial unit

Coal Mining Risk Assessment and mining investigation

Thank you for your invitation to quote for the CMRA and subsequent intrusive investigation work required here.

I investigated the entire former Coppi Brickworks site in July 1976 for Wrexham Maelor Borough Council. Subsequently I have investigated and carried out remedial mining stabilisation works where necessary on all the present plots including your existing building in 1996 and the subsequent extension in 2005.

Since 2010, the Coal Authority have introduced stringent requirements for coal mining investigations, and it is now necessary to obtain a Coal Authority Consultants Report, and submit a Coal Mining Risk Assessment based on this Report. Mining hazards will be present here and a Coal Authority Permit must be obtained in advance of the intrusive investigation work. Given that I have carried out mining investigations on all the Coppi Estate plots over the last 40 years, I propose to move directly to the intrusive investigation and save you the delay and cost of an initial CMRA.

Rockhead depth below the site is under 10.0m and was proved in 1976. Shallow mineworkings were encountered in the Nant Coal and the Yard Coal. A shaft, 328346-041, Coppi No.3 Pit Upcast, proved to be 20m west of the proposed building was investigated and treated in 1976. This shaft had the original wooden winding gin which I discovered in the overgrown woodland in 1976 and donated to the Bersham Museum.

The Coal Authority will require an intrusive investigation by rotary drilling to 30m depth to determine whether there are shallow workings and will expect sufficient holes to prove the ground conditions. I carried out grouting works on coalfield sites prior to 2012 but a specialist grouting contractor will have to be used for this heavy work now if it is proved to be needed here.

Yours faithfully,

Neil Catlow B.Sc FGS

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