

Geo2 Remediation Ltd Coniston House Louisa Street, Idle, BD10 8NE

0113 257 5397 info@geo2.co.uk geo2.co.uk

Mike Hughes Smith & Love Planning Consultants Rational House 32 Winkley Square Preston PR1 3JJ

28/06/2023

Dear Mike,

Re: Drilling of Deeper Borehole, Former Griffin Inn, Frizington

Following instruction by Smith & Love, Geo² attended site at the Former Griffin Inn, Mill Street, Frizington, CA26 3SQ on the 15th of June 2023 to extend one deep borehole in order to establish ground conditions and the presence of any shallow water table prior to redevelopment of the site.

Drilling was undertaken, using hand pitting and rotary open hole techniques, with two locations attempted. BH1, in the centre of the site was terminated at 0.7m bgl due to the identification of a clay pipe during hand pitting. BH2 was then extended to a depth of 10.5m bgl before terminating on bedrock.

Ground conditions encountered comprised a thin layer of made ground, comprising loose gravels underlain by reworked clay. Natural ground was found to be stiff boulder clays, becoming heavily weathered and competent from around 9m bgl. Based on the arisings, bedrock is considered to be sandstone. Borehole logs are appended to the letter.

No evidence of groundwater was identified during the drilling, with a monitoring well installed and subsequently monitored one hour after completion of the hole. No water was found to have accumulated during this time. As such, we would consider that no shallow groundwater body is present beneath the site and risks from future underground storage tanks are reduced, although given the sensitivity of the groundwater resource it is considered likely that a Fuel Storage Risk Assessment would be requested during the planning process.

Kind regards,

	28/06/2023
Steven Jackson	Date

Geo² Remediation Limited

Registered in England number 4638532 Registered address 50-54 Oswald Road, Scunthorpe North Lincolnshire DN15 7PQ VAT number 809080436



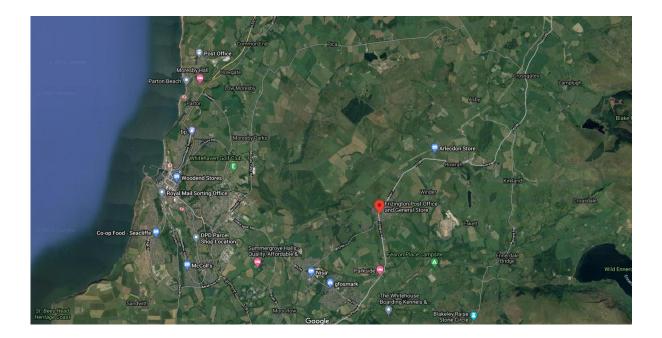


Figure 2 - Site Location

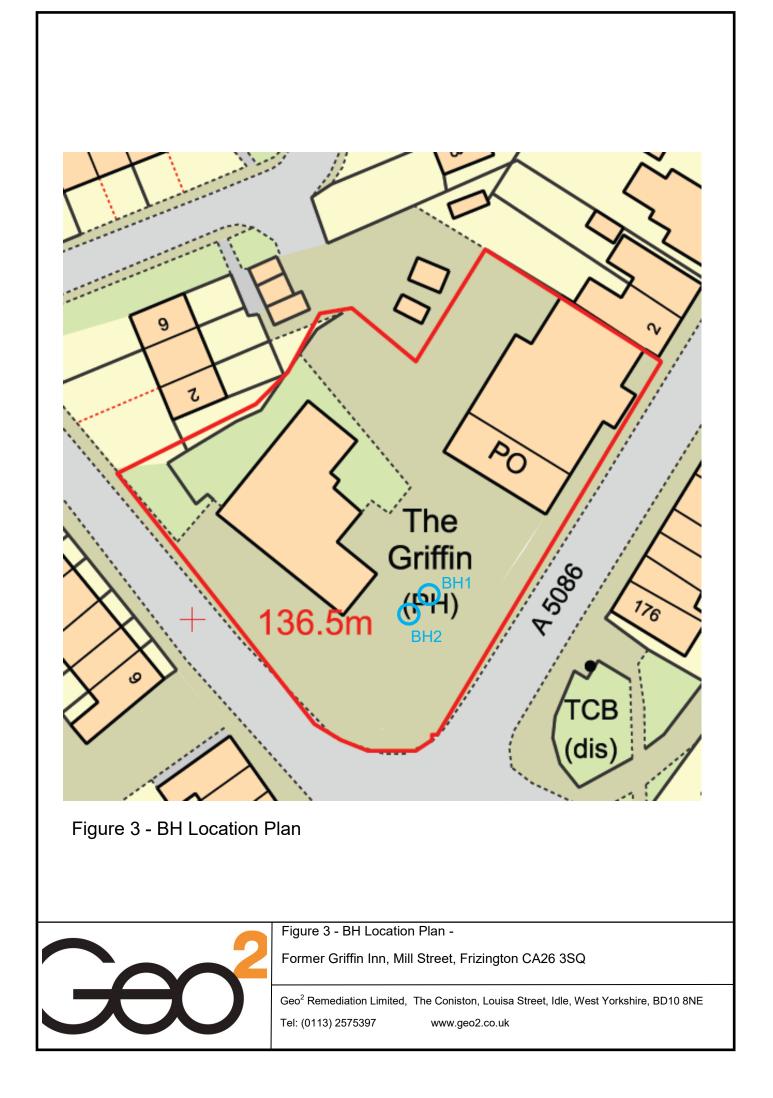
Ref: http:// www.natureonthemap.naturalengland.org.uk



Figures 1 & 2 Site Location -Former Griffin Inn, Mill Street, Frizington CA26 3SQ

Geo² Remediation Limited, The Coniston, Louisa Street, Idle, West Yorkshire, BD10 8NE Tel: (0113) 2575397

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Location: Griffin Inn, Mill Street, Frizington, CA26 3SQ						C	Contrac	tor: Cape	Site Se	ervio	ces							
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Borehole Number Hole Type						Level			Logged	Ву	Scale Page Number							
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