

From: Martha_Savage@flintshire.gov.uk
Sent: 12 August 2014 17:27
To: Dan Walker
Subject: Re: Home Farm, Llay

Dan,
thank you for sending through that information. On the basis of the trial pits and in light of my previous observations regarding the site I would agree that prior extraction is not feasible in this instance.

Kind regards,

Martha

Martha Savage

On behalf of the North Wales Minerals and Waste Planning Service | Gwasanaeth Cynllunio Mwynau a Gwastraff Gogledd Cymru

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From: Dan Walker <dan@dlwalker.net>
To: <Martha_Savage@flintshire.gov.uk>,
Date: 08/08/2014 14:38
Subject: Re: Home Farm, Llay

Our ref: DW/CEW - L35/1

Dear Ms Savage

Further to your email of 28 July 2014, we have completed the site investigations at Home Farm, Llay.

As agreed three trial pits were dug using a JCB 3CX, at locations TP1, TP3 and TP7 as per the plan attached to my email of 15 July 2014.

Copies of the trial pit logs are attached for your information and confirm the comments in our report that the extent of till deposits is actually greater than indicated on BGS mapping with all three trial pits confirming till and clay overburden on top of any sand and gravel.

From the north of the site, TP7 appears consistent with the description of borehole LLAY 5 (see table 2.1 of the Cuesta report reproduced at appendix 5 of our report) with over 4.5m of

soil and till deposits present in situ. It was not possible to prove the full depth of the till in this location as it became increasingly consolidated at depth.

When reviewed in conjunction with BGS Borehole SJ35NW43 it is therefore clear that the till deposits are considerable across the north of the site.

Trial pit TP3 is located centrally within the site and although confirmed a slightly less figure for soils and overburden (3m in total) did confirm the poor quality of the gravel (clay bound with a high fines fraction) in the upper layers of the glacial deposits such that the upper layers would also need to be considered as overburden. Trial pit TP1 confirmed 3.50m of soils and overburden, which although slightly less than anticipated is significant when one considers the depth of till in the north of the site further restricting the extent of any theoretical area of extraction.

In summary, it is still concluded that soil and overburden depths across the site are too thick to allow the mineral to be recovered on a practically or financially viable basis. It is therefore proposed that no exploitable resources exist in the site and that the recovery of minerals pre development would not be sustainable.

I trust this is satisfactory, however should you wish to discuss please do not hesitate to contact me.

Yours sincerely

Dan Walker MRICS
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Agents for Mike Cunningham Architects

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