

## Cerys Jones

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**From:** Philip Forster  
**Sent:** 06 August 2018 18:27  
**To:** planning\_admin  
**Subject:** FW: P/2018/0577 Poultry Units at Cinders Farm, Cinders, Ruabon - Pre-determination Evaluation - Geophysical Survey  
**Attachments:** Contractors Information.doc; Advice on Commissioning Archaeological Work.pdf

Cpat response

Sent with BlackBerry Work ([www.blackberry.com](http://www.blackberry.com))

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**From:** Mark Walters <[mark.walters@cpat.org.uk](mailto:mark.walters@cpat.org.uk)>  
**Sent:** 6 Aug 2018 10:54  
**To:** Philip Forster <[Philip.Forster@wrexham.gov.uk](mailto:Philip.Forster@wrexham.gov.uk)>  
**Subject:** P/2018/0577 Poultry Units at Cinders Farm; Cinders; Ruabon - Pre-determination Evaluation - Geophysical Survey

Dear Philip

Thanks you for the consultation on this application.

We note the content of the supporting ES and appendices.

It is clear that there is a minimal visual impact on nearby designated sites (Wat's Dyke and a listed building) which will be largely mitigated by the landscaping around the poultry units.

In terms of sub-surface archaeology the archaeological consultant has recommended in section 8.4 of the archaeological assessment report that a geophysical survey should be implemented to determine the sub-surface potential of the site. We are in agreement with this recommendation and the geophysical works should take place in accordance with the TAN 24, May 2017, guidance and Planning Policy Wales, Chapter 6, Nov, 2016.

The applicant will need to engage a geophysical specialist and we have attached an information sheet listing sources of contractors.

The geophysical survey will consist of the following:

### Geophysical Survey

A magnetometer survey will be completed across the whole of the application area. The geophysical specialist will be expected to choose the most appropriate equipment and methodology for the survey based on the ground conditions and superficial geology at the survey site. The survey will take place within a pre-defined survey grid which has been tied into the OS national grid and local topographic features to survey grade accuracy (+/- 0.1m) using a total station or survey grade GPS. The sampling interval will be at 0.25m on traverses 1m apart. All results will be presented in a report with full analysis and interpretation of appropriately filtered data. All raw and published data will be retained within the archive and submitted to the HER and NMR along with a high resolution digital copy of the final report.

In carrying out this survey contractors should adhere to the guidance set out in:

- EAC, Guidelines for the use of Geophysics in Archaeology, 2016
- Historic England, 2008 *Geophysical Survey in Archaeological Field Evaluation*

- ClfA, 2014 *Standard and Guidance for Geophysical Survey* Chartered Institute for Archaeologists

Please forward this advice to the applicant so that they are aware of the requirements.

Kind regards

Mark Walters

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