

Good morning, Fiona

Jenny Emmett at Gwynedd Archaeological Trust forwarded your email to me as we cover the Old Colwyn area.

Thanks for the details of the investigation trenches and cores. We have in the past had a watching brief on test pits dug on the beach and through the rock armour sections here and these did not encounter any of the former prehistoric land surfaces which are normally marked by a peat layer. The test pits reached a depth of between 2 and 3 metres and encountered sand and beach cobbles and quite a high water table which flooded the pits quickly. As your windowless samples are going to a greater depth (6 metres) it would be useful to have a copy of the geotechnical log report recording the nature of the top of each strata change as this may indicate whether any prehistoric land surfaces are encountered at greater depth. A copy of the log report should be sent through to me for further comment.

Kind regards

Mark Walters

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Please note that I do not work Fridays

From: Fiona Bussell <Fiona.Bussell@amcogiffen.co.uk>
Sent: 28 October 2022 14:53
To: nmr.wales@rcahmw.gov.uk; Andrew Davidson <andrew.davidson@heneb.co.uk>
Subject: Archaeological Query for Old Colwyn Sea Wall

Good afternoon,

I am in the process of applying for a Marine Licence to undertake some site investigation works at Old Colwyn sea wall. Natural Resources Wales Marine Licensing Team has recommended engaging with the Local Archaeological Trust (WAT) and the Royal Commission on the Ancient and Historical Monuments of Wales (RCAHMW) on the likelihood of any concerns relating to the presence of archaeological features which may be affected by our works.

The initial ground investigation works will help inform a permanent design solution to repair a section of a sea wall.

“To enable the design of the above works, it is required that investigations are carried out to ascertain the makeup of the existing sea wall and founding strata and design the appropriate renovation measures to the structure. The Specification shall be the UK Specification for Ground Investigation, Second Edition, as published by ICE Publishing in 2012.”

The site in question is Old Colwyn sea wall – approx. 700m in length section.
Colwyn Bay North
OS Grid Reference X (Easting) 287343, Y (Northing) 378698

The scope of the ground investigation is as follows:

- 5no Windowless Samples to a minimum of 6 m in depth, at 100m centres along the length of the sea wall.

These shall be carried out on the walkway immediately above the rock armour sections.

All Windowless sample positions are to be commenced with a hand dug inspection pit for service clearance to a depth of no less than 1.2m.

- o Undisturbed samples are to be taken at the top of every change in strata;
- o SPT testing at every 1.5m and change in strata;

- 22no cores through the existing wall, spaced at 50 m centres along the length of the wall. Cores are to be carried out in pairs, one mid height of wall (horizontal core) and another at the base of the wall with a 45 deg inclination.

Please can I ask if you could review and let me know if you have any concerns relating to these works at this location.

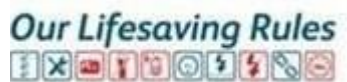
Thank you for your time.

Kind regards, Fiona

Fiona Bussell
Senior Sustainability & Assurance Advisor

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IW01416 CERD Development – Old Colwyn

Communication with Clwyd-Powys Archaeological Trust

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