



Home Counties North Regional Group

FULL-DAY GEOLOGY FIELD TRIP

Saturday 11 August 2018, 11.00 to 17.00 approx.

**Geology, hydrology, Iron Age ge archaeology, and churches
in the Parish of Cholesbury-cum-St Leonards,
and Wendover Woods, Buckinghamshire.**

Led by John Wong FGS

Meet at 11.00 outside the Full Moon public house, Cholesbury Lane, Hawridge Common, Cholesbury, HP5 2UH. Ordnance Survey grid reference SP936069.

If you require a lift or can offer a lift, please let us know. Please bring hand lens and trowels. Lunches at Full Moon public house; afternoon refreshments in Wendover Woods (car parking in Wendover Woods is reasonable, pay on exit according to time duration of stay); you can bring a packed lunch.

The Parish is on a high ridge, which extends for 4.5 miles (7.2km), rising to 760 feet AOD (230m) within the Chiltern Hills AONB.

We shall see and/or discuss the following on this field trip –

The history of the Full Moon public house and the Cholesbury Windmill.

The local stratigraphy, structural geology, geomorphology, hydrology, drainage patterns, chalk springs and ponds.

The local commemorative monument built of Buckinghamshire Puddingstones, and the petrology of local boundary stone.

The geology of Hawridge, Cholesbury, Buckland Common, St Leonards and Wendover Woods. Stratigraphy in Wendover Woods reveals a full section of the Grey Chalk (former Lower Chalk) and White Chalk (former Middle Chalk and former Upper Chalk combined) Subgroups, the Melbourn Rock and Chalk Rock Formations.

The origin, sedimentary structures and provenance of Holocene Red Clay and pebbly-clay in a disused pit, Pleistocene Clay-with-Flint in a disused pit and the archaeology of scattered strike flints.

The ge archaeology of the Iron Age Cholesbury Camp Hill Fort in Cholesbury and Boddington Hill Fort in Wendover Woods.

The history and building stones (original and reused stones) of the 12th century and 14th century churches in Hawridge, Cholesbury and St Leonards.

Geology and geoarchaeology of the 18km (10.8 miles) long Catuvellaunian Grim's Ditch Scheduled Ancient Monument, spanning from Bradenham to Berkhamsted; hopefully we shall see a couple of the selected surviving accessible sections.

How the High Speed 2 Rail-link project is in conflict with the Grim's Ditch Scheduled Ancient Monument.

There is a maximum of 20 participants for this field trip with priority given to Fellows, Candidate Fellows and Juniors of the Geological Society who are members of the Home Counties North Regional Group.

Please book your places on a first-come-first-served basis by e-mail to homecountiesnorthregionalgroup@gmail.com

Attendees will be asked to sign the usual indemnity form for field trip insurance purposes before the start of the walk.

For more information on the Home Counties North Regional Group visit the website <http://www.geolsoc.org.uk/hcnrg>

