

# LOCAL GEOLOGICAL SITES

## BRENTWOOD DISTRICT



### Great Warley: Coombe Green Sand Pit

**Site location:** Just south of Stonyhills Farm, Warley Road.

**Grid Reference:** TQ 5766 9045

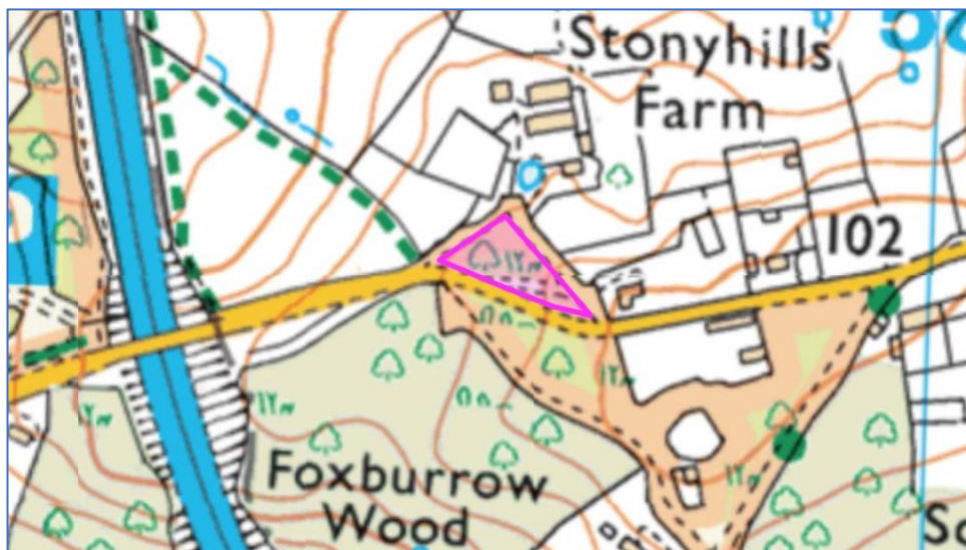
**Status:** Publicly accessible

#### **Summary of the geological interest:**

Just south of Stonyhills Farm, Great Warley is a triangular wood bounded by three lanes. In it is a shallow, overgrown sand pit which has a very small exposure of typically fine-grained Bagshot Sand. Exposures of Bagshot Sand are extremely rare in Essex.

Bagshot Sand consists of fine yellow sand, which was probably laid down across most of Essex in a great complex of river deltas. Now remains of it are in isolated patches on the tops of hills in south Essex.

This pit is shown on the OS map of 1920 and was visited by the Geologists' Association in 1915 (Boswell 1915).



**Site Assessment.** *Local Geological Sites (LoGS) in Essex are assessed using criteria based on DEFRA guidance. This site has been assessed and qualifies under these criteria. An assessment form is used which asks key questions under four value categories: scientific, educational, historical and aesthetic.*

#### **Reference:**

BOSWELL, P.G.H. 1915. Report of an excursion to Brentwood and Great Warley. Saturday April 17<sup>th</sup> 1915. *Proceedings of the Geologists' Association*. Vol. 26. Page 227.