

# LOCAL GEOLOGICAL SITES

## UTTLESFORD DISTRICT



### UfdG32 Tilekiln Green Brick Pit, Great Hallingbury

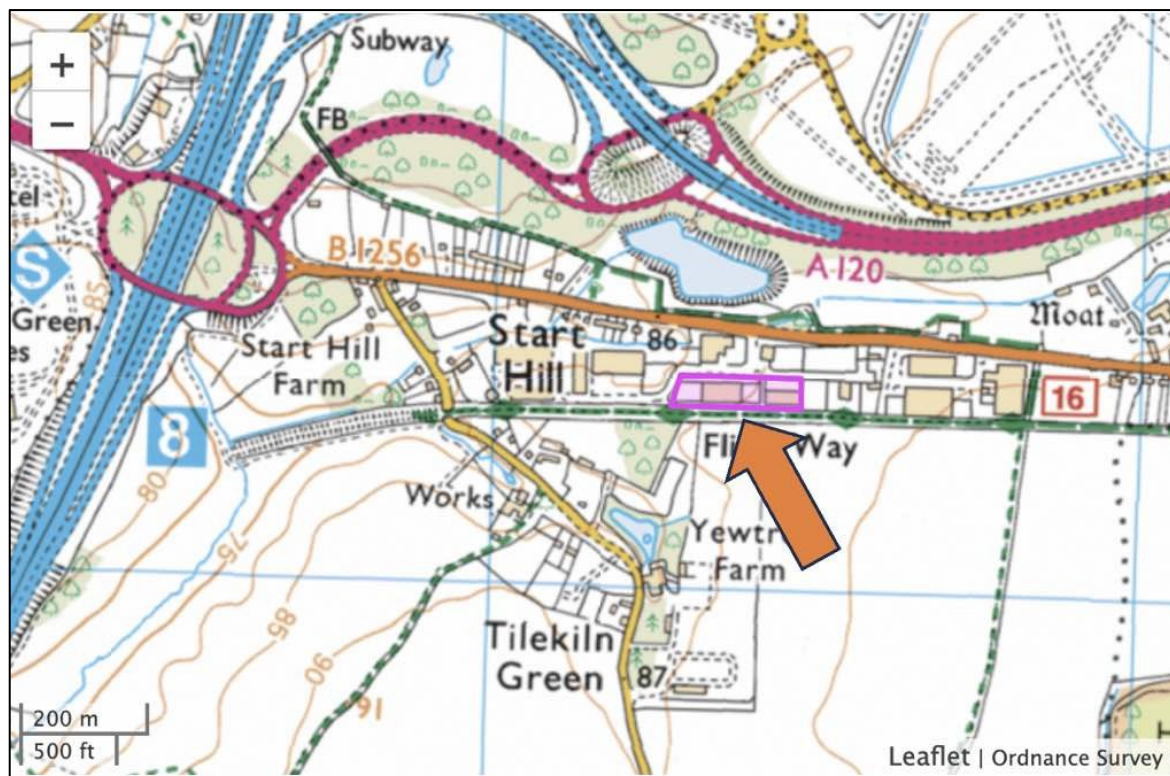
**Site location:** A high, vertical section still exists at the rear of the Mercedes Benz Truck Centre car park.

**Grid Reference:** TL 5240 2128

**Status:** Publicly accessible with landowner permission

**Summary of the geological interest:**

Former brick pit now containing an industrial estate. Wall of former pit still visible with exposure of boulder clay (glacial till) and potentially also Kesgrave (Thames) Gravels.



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

**Scientific interest and site importance**

Stansted Distribution Centre Business Park at Start Hill is mostly located on the site of the former Tilekiln Green Brick Pit, which dates back to the 19<sup>th</sup> century. In 1945 the walls of the pit were recorded as exposing Kesgrave (Thames) Sands and Gravels, overlain by boulder clay (glacial till), with London Clay at the base.

A high, vertical section still exists at the rear of the Mercedes Benz Truck Centre car park with chalky boulder clay visible and the possibility of Thames gravel and London Clay under the talus. With the permission of the land owner, vegetation and talus clearance could be undertaken. Access would be available either from the Flitch Way or from the adjacent Scania car park.

### **References:**

LAKE, R.D. and WILSON, D. 1990. Geology of the country around Great Dunmow. Geological Survey Memoir. British Geological Survey. HMSO. (page 24).

IRVING, A. 1898. On the geology of the Stort valley. *Proceedings of the Geologists' Association*. Vol. 15. (page 230)

WARREN, S.H. 1945. Some geological and prehistoric records on the north-west border of Essex. *Essex Naturalist*. Vol. 27. (page 278).