

LOCAL GEOLOGICAL SITES

BRENTWOOD DISTRICT



BreG4 College Wood Gravel Pits, Blackmore

Site location: Within College Wood, a large, ancient wood near Blackmore.

Grid Reference: TL 623 015

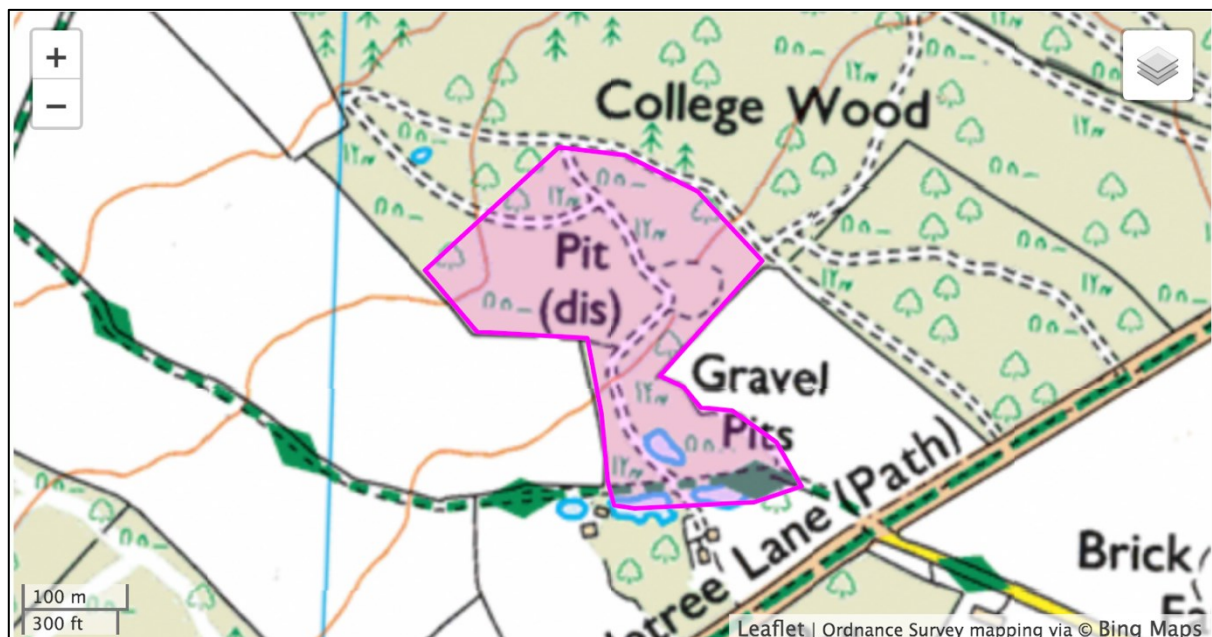
Status: On private land with no public access

Summary of the geological interest:

The disused gravel pits were dug in Ice Age gravels. The origin of this gravel, is unclear. Exposures of this gravel therefore have the potential for future research. The gravel in College Wood contains vein quartz, quartzite and rare Lower Greensand pebbles which is a rather different pebble assemblage compared to occurrences that have been assigned as "Stanmore Gravel" elsewhere in the area.



Gravel-pit in College Wood near Blackmore. Cryoturbated, rather clayey sand and gravel. The white angular pebbles are patinated flint. The well-rounded pebbles consist mostly of flint but some vein quartz. Photo © British Geological Survey (P212163).



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.