

Location MT13

SO 7448 6348

Bridleway east of Cockshoot Hill, and south of Woodbury Quarry

The bridleway that crosses field from the gate that you stood by at Location MT11 shows in the clayey soil many rounded pebbles, particularly of reddish-coloured coarse sandstone (some showing cross-stratification), and white vein quartz. The sandstone and quartz are derived from a



deposit that the British Geological Survey calls the Wolston Formation (part of the Anglian glaciation) that underlies parts of the field here.

The Wolston Formation was well-exposed in the uppermost part of nearby Woodbury Quarry (see photograph below – it has a notable thickness).

Woodbury Quarry.



Photograph from H&WEHT website.

The various cobbles in the soil which are derived from the Wolston Formation cannot be matched with any of the bedrocks underlying the general area around here or at Martley. They can, however, be found in bedrock further away to the north-east in the Birmingham area.

Choose from the three following options how this could have happened:

- (a) They were carried by a south westerly-moving glacier scraping over the bedrock in the Birmingham area during the Ice Age
- (b) They were brought to the area by man to make the clayey soil here better-drained for growing crops
- (c) They were deposited by easterly flowing rivers.