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Description of the soil buried
under the rampart at Winklebury,
Basingstoke, Hants.

DESCRIPTION OF THE SOIL BURIED UNDER THE RAMPART AT WINKLEBURY, BASINGSTOKE, HANTS

By HELEN C M KEELEY

The soil buried below the rampart at the Iron Age hill fort of Winklebury was relatively deep compared with present-day soils in the area. The profile was developed on clay with flints overlying chalk and showed signs of intense disturbance, possibly due to ploughing.

0-40cms. below the cleared top of the rampart. Yellowish brown (10YR5/6 wet) clay loam; moderate fine subangular blocky structure, friable, chalk fragments gravel to medium abundant.

40-65cms. The buried Ap horizon contained approximately equal proportions of two constituents (a) brown to dark brown (7.5YR4/2) clay loam; moderate medium subangular blocky structure, friable, and having a higher organic matter content (b) strong brown (7.5YR5/6) clay loam with similar structure to (a) but higher clay content. Stones gravel to medium made up about 5% of this horizon, which contained charcoal fragments throughout - indicating marked disturbance. Modern roots and earthworm activity was abundant.

65-80cms. The buried B horizon - yellowish red (5YR5/6) clay; strong medium subangular blocky structure, moderately friable, stones 10% gravel to medium. This layer also contained charcoal fragments.

Below 80cms. Soft chalk with pockets of reddish yellow clay loam (7.5YR6/8) containing small chalk fragments and with fine moderate subangular blocky structure, moderately friable.