

Location MT14

SO 7478 6246

Viewpoint at track-side entrance to field on Rodge Hill



The view from the field entrance ranges towards the north on the left, through to the east on the right. The wooded ridges, distinct wooded hills and lower ground between, which you saw from Location MT11 can also be seen here. The long ridge of Cockshot Hill is present on the left, which becomes Rodge Hill here at Location MT14 and Location MT15. Just beyond the long ridge of Cockshot Hill, can be clearly seen a rock exposure: this is a quarry face in Woodbury Quarry (Location MT10).

The large hill in the distance to the north is Woodbury Hill. It has more of a plateau form rather than ridge form as seen in this part of the traverse;

it is underlain by horizontally-lying sedimentary rocks with different character.

The low ridge at Rodge Hill Farm was just visible from Location MT11; here at Location MT14 it can be seen to be of limited lateral extent towards the north, where it merges into the low ground. It is also disappears to the south, not far beyond the farm. This shows that the more resistant rock underlying the ridge at Rodge Farm has limited lateral extent. Detailed geological studies at the ridge when exposures were available in the past indicate that the rock underlying the ridge *is the same one* seen at Locations MT6 and MT12, and that these rocks are dipping towards the east at about 50 degrees. The ground between Rodge Hill and Rodge Farm is lower, suggesting underlying softer rocks; what could be the geological explanation for the two ridges being underlain by the same more resistant rock with softer ones between?

The rocks could be folded or faulted to allow this to occur.

We know that the rock seen at Location MT12 underlies Cockshot, Rodge and Pudford Hills, and so is very continuous laterally.

As it is of limited extent at Rodge Hill Farm, it is likely to have been affected by faulting.