

SITE INVESTIGATION VALIDATION**SUMMARY OF RESULTS**

We are now in receipt of the site investigation report, with the results confirming a valid claim due to the influence of nearby vegetation, causing clay shrinkage subsidence.

We undertook two trial pit and boreholes, along with a CCTV drainage survey, of drainage in close proximity to the area of damage.

Trial pit / borehole 1 was sunk to the left-hand side of the rear elevation to your home. This recorded that the rear elevation is constructed off a 0.3 m thick concrete foundation to a depth of 2m below ground level. The foundation in turn bore onto a firm brown slightly sandy CLAY with rare medium gravel subsoil throughout the remainder of the borehole to a depth of 3m where it was scheduled to end.

Trial pit / borehole 2 was sunk to the centre of the rear elevation to your home. This recorded that this section of the rear elevation was also constructed off a 0.3 m thick concrete foundation to a depth of 2m below ground level. The foundation in turn bore onto a similar firm brown slightly sandy CLAY with rare medium gravel subsoil throughout the remainder of the borehole to a depth of 3m where it was scheduled to end.

Roots (22) were discovered from the nearby vegetation to a depth of 3 m in both boreholes. Seventeen of these roots were identified as being Quercus (Oak).

The soil was recorded as being of a medium to high plasticity. With plasticity being the ability of a subsoil to shrink and swell depending upon moisture content. Thus, the greater the plasticity the greater the ability of the soil to shrink and swell.

In view of the above we are able to confirm the influence of the nearby vegetation as the cause of movement to the property.

The CCTV drainage survey noted three runs to the rear and left hand side of the property. All runs surveyed were serviceable with no defects noted. Thus no further action is required and we can rule out their influence in the cause of damage to the property.