

Eastcombe



Client	Gloucester CC
Date	November 2022
Programme	2 weeks
Value	£57K
Roles	Principal Contractor
Works undertaken	Rotary boreholes, Windowless sampling and installation of inclinometers and slip indicators. Service trenches
Geology	Made Ground, Superficial, Inferior Oolite and Great Oolite Group.

The Solution

Slit trenches were excavated at either end of the failed road section to identify services prior to the rotary drilling taking place.

Due to limited access times traffic management was deployed to enable the crews to work within a limited space.

A modular Windowless sampler rig was used within the sloping orchard. The modular rig can be dismantled and carried to each borehole position where sampling and insitu testing, along with the installation of slip indicators, was carried out.

Using in-house drilling teams and engineers with an excellent teamwork ethic the crews were able to deliver quality information and AGS data to enable remediation design of the slope.

The Contract

A ground investigation was required to investigate a landslip affecting a lane, services and cottages.

The Challenge

Due to historical landslip in the area and utilities having been changed from metal to more flexible plastic it was important to physically locate these services due to ground penetrating radar not able to locate them during their initial scan.

Working times were restricted to allow resident access in the mornings and early evenings

Windowless sampling was also required on a failed slope within an orchard.

