



Regional Office: South Run Common Road, Cranleigh, Guildford Site Investigation and Sonic Drilling Boreholes



Earth Environmental were commissioned to undertake ground investigation works to support the investigation, design and reconstruction of a roadway and bridge embankment which had suffered significant subsidence due to badger activity.

Working on behalf of the local council and their designers, EEGSL helped design and complete the ground investigation without further damage to the unstable road and embankment.

EEGSL undertook ground investigation works comprising of the excavation of 4nr Sonic boreholes along with insitu SPT testing, logging and sampling of soils for geotechnical laboratory assessment.

The client initially specified the use of cable percussion techniques to drill boreholes, however after discussion with EEGSL it was concluded that a rotary sonic technique would be more appropriate. This technique would be less disruptive to already unstable ground and keep project timescales to a minimum.

The site investigation was supervised full time by experienced Earth Environmental Consultants and all fieldworks were carried out in accordance with BS 5930:2015 Code of Practice for Site Investigations.

The works culminated with the production of a detailed factual report containing:

- Details of all exploratory fieldworks undertaken
- Description and geotechnical classification of ground conditions encountered
- Results from insitu SPT testing



CLIENT: Confidential

LOCATION: Cranleigh

VALUE: Confidential

ACTIVITIES: Geotechnical Site Investigation and Sonic Drilling Boreholes

