



# Southend on Sea



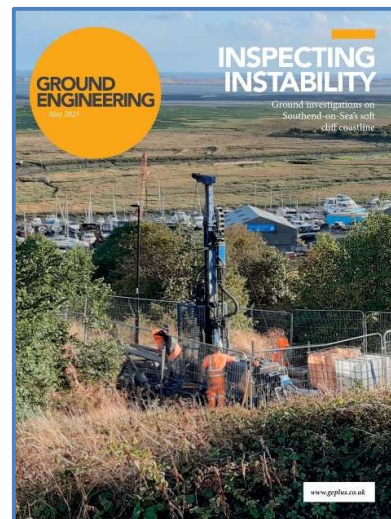
<b>Client</b>	Southend on Sea City Council
<b>Date</b>	Autumn 2022
<b>Programme</b>	August to Nov 2022
<b>Role</b>	Site Investigation sub contractor
<b>Works undertaken</b>	43 Geobore S (813m) 13 CP boreholes (262m), 22 inclinometers, 23 VW Piezometers, 5 standpipes
<b>Geology</b>	London Clay with landslides
<b>Deliverables</b>	Drill logs and high quality samples

## The Challenge

To assist the main contractor in offering an integrated service to deliver a high-quality product, on time and on budget upholding the values and principles of Southend-on-Sea City Council whilst also supporting and contributing to the local Community Engagement Plan and Local Area Engagement Plan.

## The Contract

In their development plan DM25, Southend on Sea City Council identified the need to address cliff instability issues along the seafront. Four high priority locations were identified and a ground investigation was required to provide high quality data to enable the design of suitable remediation measures by their appointed geotechnical consultants CampbellReith.



## The Solution

CC Ground Investigation supplied two Geobore S rotary rigs and one cable percussion rig. The Geobore S rigs delivering boreholes to between 10 and 30m to identify shear surfaces and slip planes, and the cable percussion rig allowing targeted sampling using Class 1 UT100 samples. Installations for post investigation monitoring included vibrating wire piezometers, inclinometers or standpipes

