

Drilling & Grouting, Grouting Stabilisation

Location: Bournemouth

Client: Dean & Dyball



Project Overview

Pennine was called in to solve a particularly time critical problem immediately before Christmas. A major water supply pipeline was in danger of rupturing due to sudden ground subsidence. The pipeline ran under and down the middle of a key residential road in Bournemouth. Consequently an innovative, effective scheme was required in order to address these various issues.

Dean & Dyball, Wessex Water framework contractors, assessed the situation identifying the need for ground stabilisation experts. Pennine was appointed and devised an intricate injection scheme using specialist mixes and pressure readings.

Working 7 days a week, Pennine delivered the solution and removed the threat of a disrupted water supply during the Christmas period from the local residents.

Result

Over 200 tonnes of specialist mix grout injected at multi levels and entry points to stabilise ground.

Technical Information

Drilling equipment – KR802

Materials – Ishebeck

Other – colloidal mixers, pumps