



Clive Street Slope Stabilisation

This Project involved the stabilisation of a 120m long sloping embankment which had slipped in the central section. To prevent further slippage, it was necessary to install soil nails along the full length of the slope.

To stabilise the slippage, soil nails were drilled 20 metres into the slope, grouted up and tensioned to a desired torque.

There were a total of 637No nails which were installed using long reach excavators and drilling equipment with access being from cherry pickers due to the height of the slope.

Once the soil nails were installed, the slope was landscaped with trees and bushes and existing footpaths and stone walls were dismantled and reinstated with imported fill and topsoil.

The existing stone from the walls, which was of historic interest, was reused to refurbish some disused steps at one end of the site.

The works were carried out along a busy main road which necessitated traffic management to minimise disruption to adjoining apartments and businesses. Within the traffic management, an imported stone berm was formed providing a safe working platform for the labour and plant.

Client	North Tyneside Council
Value	£940,000
Duration	26 Weeks

