

Case Study

MARPLE CUTTING, STOCKPORT

Client: Network Rail

Main Contractor: Birse Rail Limited

Anchor Installer: [CAN Geotechnical Limited](#)

PROJECT SPECIFICATION

In order to improve track safety and line speeds this cutting was scheduled for further improvement. This phase of works involved the clearing back of vegetation and stabilisation of the exposed and unstable rock face by means of over netting.

SOLUTION

The depth of overburden on this cutting made it ideal for the installation of mechanical anchors. The anchors were quickly installed on 3m centres along the crest using hand-held hydraulic equipment. A catenary wire was then threaded through the eyebolt fixings which were used to support the weight of the rock netting wire mesh running down the cutting face.

Anchor System: B06TB aluminium bronze anchor c/w 2m of 20mm Ø threaded stainless steel rod and stainless steel eyebolt.

Quantity: 41

Anchor Design Life: 120 yrs

Soil Type: Granular

