



Case Study



BARRONWOOD CUTTING

Client: Network Rail

Consultant: Scott Wilson **Main Contractor:** Birse Rail Limited

Approved Installer: [W A Developments Limited](#)

PROJECT SPECIFICATION

In order to improve track safety and train speeds this cutting was scheduled for improvement. The vegetation was to be cut back and the exposed unstable rock face netted to prevent collapse or movement of debris.

SOLUTION

The compacted sand overburden on this cutting was ideal for mechanical anchors which were installed along the crest on 5m centres. The catenary wire supporting the weight of the rock netting was then secured into place using a stainless steel load plate and loadnut.

Anchor System: B06TB aluminium bronze anchor c/w 2.5m of 20mm Ø threaded stainless steel rod, 150mm x 150mm stainless steel load plate and stainless steel load nut.

Quantity: 90

Anchor Design Life: 120yrs

Soil Type: Compacted sand

