



Tensar



**Unpaved Road
Nº 437**

York Potash Processing Plant NYPP Lady Cross

Whitby, UK

Benefits

Costly fill material avoided
allowing the use of recycled 6F2
graded material

**Site support facilities swiftly
established**
by using Tensar InterAx geogrid

**Improved performance
characteristics of Tensar InterAx
geogrid**
reduced the environmental impact of
the project

Wave goodbye to weak ground

Woodsmith Mine near Whitby extracts potash and other minerals used in the production of fertiliser products. The overall investment of £2.2 billion means the project is of strategic importance to the contractor, Strabag and the wider North Yorkshire region creating up to 2,500 jobs.

CLIENT'S CHALLENGE

The customer needed to construct the site welfare village and to create a lay down area to support heavy construction vehicles and equipment.

Initially, however, the lay down area consisted of weak subgrade soils, which presented a challenge in developing a sustainable, cost effective solution.

TENSAR SOLUTION

The solution was Tensar's mechanically stabilised layer (MSL), using the newly introduced Tensar InterAx geogrid.

This gave the contractor even more confidence to use 6F2 recycled fill material whilst maintaining trafficking performance. In turn, this provided support for heavy construction vehicles and equipment over previously weak ground.