

EUROCENTRAL Townhead Avenue, Scotland

Client
Lidl Foodstores

Main Contractor
Winvic Construction

Consulting Engineers
JWH Ross

Solution
14,000 tonnes of grout
90,000 linear m of drilling
2 grout stations

Duration
20 Weeks

Year
2018

Project Overview

Van Elle was selected for this project due to our reputation for quality experience in this type of work. Also, we have all of the resources and equipment at hand to carry out the drilling and grouting, even on such a large scale.

Van Elle was required to produce quality product consolidating of mine workings and capping of the mineshaft with validation and specification by JW Ross.

Ground Conditions

The ground strata was made ground overlaying glacial till with bedrock that consisted of mudstone, sandstone and coal.

Key Statistics

4,500 boreholes
14,000 tonnes of grout
90,000 linear m of drilling,
5 Rigs used,
2 grout stations

Bespoke bulk grout mixers were used capable of batch mixing 2-300 tonnes of grout per day. These were required owing to the large volumes of grout needed and the tight programme of works.

This was challenging as it was a large topsoil stripped site, workings were extensive with extremely high grout takes. These works were also carried out during autumn and winter weather with reduced daylight hours.

Van Elle worked 12 hour shifts with tasks and safety lighting. There was use of 360 excavators to assist with moving plant around the site as required. We also used 2 mixers to increase production and enable the programme to be met.

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