



**Advanced Haul Road
and Compound
Solutions**

Cost reduction of approx. 30%

Vehicle movements significantly reduced

Aggregate import reduction

Post scheme soil regeneration programme

**3000m² of completed haul road/compound
per day**

Maintenance free surfacing

As used by

NetworkRail





Geotech Soil Stabilisation now provides a highly sustainable haul road and compound solution giving the client a cost effective, programme time saving, sustainable alternative to traditional haul road construction.

Geobind is a high end, sophisticated, unique binder which uses site won material to create a robust haul road surface which is maintenance free.

The Process

Material testing is undertaken prior to works commencing in order to create a ground design relative to site soil make ups to ensure required end strengths are obtained.

On commencement of works any top soil is stripped and stockpiled. Subsoil is then injected with Geobind using specialist plant at a pre-determined depth. A site specific surfacing layer is mixed in with further binder to create an armoured surface, this is then compacted and trimmed. After forty eight hours it is ready for heavy traffic.

On decommissioning a soil regeneration programme is undertaken to return the stabilised material to optimum fertility levels ensuring healthy crop growth.



BEFORE

The picture above illustrates our most recent job for network rail prior to stabilisation commencing.



AFTER

This picture shows the same part of the site—after successful stabilisation has been completed.



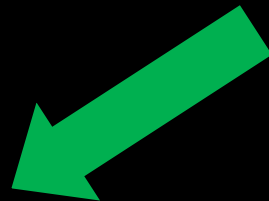
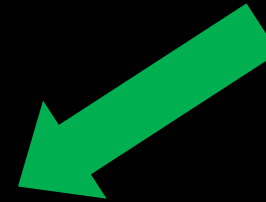
Topsoil strip



Stabilised



Decommissioning



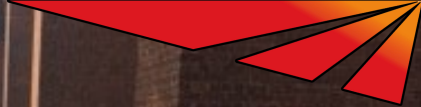
Growth




Re-Growth

Case Study

— **NetworkRail**



	Traditional Method	 Geobind
Area (m2)	20,547	20,547
Layer Thickness (mm)	500	320
Lorry Movements	2,055	133
Material Sent to Landfill (tonnes)	20,547	0
Aggregate Imported (tonnes)	20,547	4,109
Programme Time	40	10
Cost	£358,205.00	£251,495.00

- Maintenance free surfacing
- Soil regenerated to optimum fertility on scheme completion
- Cost reductions of approximately 30%
- Significant programme time reduction
- Aggregate import greatly reduced
- Lorry movements reduced by 80%
- 3000m2 of completed haul road/compound per day achievable
- No disposal required on decommissioning
- Reduced carbon footprint and disruption to the local community



Part of the service Geotech provides post-completion of temporary works is the regeneration and restoration of land back to its original properties and optimum fertility.

Geotech understand the importance of soil fertility to land owners, it is often their livelihood. Geotech will test pH levels as well as various nutrient levels such as nitrate and potassium pre-start and will return them to the same levels on decommissioning.

**Ensuring Landowner
Comfort**





Geotech

Soil Stabilisation

Testimonials

MURPHY

Breathing life into infrastructure

"Regarding the installation of the Geotech Haul Road and compound area at our site in Beeston; I would like to say the company installed a first class job, carried out professionally with no fuss and all completed in one day. The haul road and compound areas have been heavily trafficked since installation and are still in perfect working order. I would happily use the Geotech Soil Stabilisation system again on our other projects."

Bo Rodwell
Senior Site Manager for
J Murphy & Sons Ltd 2015



"From my experience with Geotech I feel it would be very beneficial to have a lunch & learn presentation so other members of staff can understand exactly what they can offer. My project has financially benefitted from using Geotech (instead of traditional stone haul roads) and I really believe other projects should be using their product."

The company have also been nothing but professional since arriving on site and with a positive working attitude have delivered everything they promised."

Lewis Disbury
Section Engineer
BAM Nuttall 2015

MORGAN SINDALL

"Geotech Soil Stabilisation were on site early April on the Edinburgh Glasgow Improvement Project (EGIP) for Morgan Sindall to Soil Stabilise an area over 2600m² which included a haul road and a compound area. They completed their works on time which was 6 days less than what we allowed in our tender using traditional methods, enabling us to start our project earlier. The product they left us has withstood all our site traffic movements including numerous tracked excavators tracking and turning on the surface. They are due back early August to reinstate the area back to its original state."

From the service we have experienced so far, we would have no issues using Geotech on future projects and would strongly recommend that other projects within our business do consider them for their works."

Paul Harrington
Site Agent
EGIP Alliance 2015

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