MICROTUNELLING
AT PANNAL TO ASSELBY 1220 GAS PIPELINE - RLX'S

Client:
National Grid

Summary:
Construction of a cross-country pipeline.

PROJECT DETAILS

MICROTUNELLING

In preparation for the construction of a cross-country pipeline from Asselby AGI to Pannal AGI during 2008, National Grid required the construction of 3No microtunnels. The microtunnels cross below existing railway lines and the concrete sleeves that were installed were used to house the gas pipeline as it was installed at a later date. A E Yates Trenchless Solutions Ltd were employed to undertake the specialist rail crossing works:

- 1No DN1500 x 60m long full face slurry rail crossing.
- 1No DN1500 x 50m long full face slurry rail crossing
- 1No DN1500 x 100m long full face slurry rail crossing
- 2No piled and 4No battered thrust and reception pits up to 10m deep

GROUND CONDITIONS

- Firm to stiff Clay and moderately strong Sandstone

Herrenknecht AVN ready for launch on site at Pannal

Separation Plant
Battered Thrust Pit Cut in Sandstone
Set up of Jacking Rig

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