

CASE STUDY

RAIL EMBANKMENT



RAPID RAIL RESPONSE

Lankelma was quick to respond to an urgent request for geotechnical information when instability was identified on a number of railway embankments in Hampshire and Somerset in early 2014.

Managed by Hyder and working with third parties for rail logistics support, Lankelma delivered preliminary soil stratification, excess pore pressure and geotechnical parameters across three sites over ten, 12 hour shifts. Finalised reports and AGS data were then sent across to the Hyder within one week of completing the investigations, so engineering solutions could be brought forward.

During the investigation clay soils were predominately penetrated through the rail ballast by a piezocone deployed from the rail truck, UK12, and, the boom mounted excavator attachment, UK14.

PROJECT SPECIFICATION	
LOCATION	Somerset & Hampshire
CLIENT	Hyder Consulting
DATE OF WORKS	February 2014
TESTING UNDERTAKEN	CPT
RIG	UK12 UK14

Lankelma has been working in the rail industry for more than ten years, and as a result we are set up perfectly to deliver a rapid response service to rail clients testing in the four-foot, six-foot and cess.

We are approved by Link-up as a Qualified Supplier, have a core team of six OTP (on track plant) operators, have vehicle acceptance approval (VAB) from Network Rail for our road rail plant and product approval for the boom mounted attachment.

