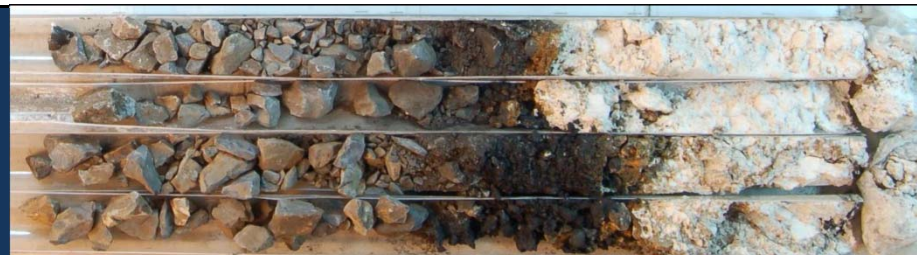




SITE INVESTIGATIONS & GEOTECHNICAL SERVICES

TOPDRILL DATA SHEET - AUTOMATIC BALLAST SAMPLING  
DATA SHEET N° 6



Above: Core on logging table



Above & Below: ABS at work



<b>Rig Type/ Model:</b>	Automatic Ballast Sampling (ABS)
<b>Transportation:</b>	
<b>to site:</b>	Van
<b>around site:</b>	Track trolley
<b>Dimensions (m)</b>	
<b>travelling (LxWxH)</b>	1.60 x 1.68 x 0.24
<b>set up (LxWxH)</b>	1.60 x 1.68 x 0.24
<b>Weight (Kg)</b>	Heaviest part 104kg (hydraulic compressor)
<b>Max Noise (dBa)</b>	110dBa
<b>Max drilling depth (ideal conditions)</b>	2m
<b>Sampling type</b>	ABS
<b>Fuel</b>	Petrol/ Diesel powered hydraulic compressor
<b>Jacking system</b>	7ton hydraulic jacks
<b>Ideal for:</b>	Retrieving 1m/2m samples of ballast and subgrade for trackbed analysis
<b>Notes:</b>	Ideally requires access at an authorised vehicle access point Sampling usually taken in the 4ft