



SITE INVESTIGATIONS & GEOTECHNICAL SERVICES

TOPDRILL DATA SHEET - MODULAR WINDOW SAMPLING
DATA SHEET N° 5



Left: Shear vane in windowless sample



Above & Below: Modular Window Sampling Rig



Rig Type/ Model:	Custom Modular Window Sampler
Transportation:	
to site:	Van
around site:	Carried in pieces and assembled at each position
Dimensions (m)	
travelling (LxWxH)	largest part is the mast: 2.0 x 0.3 x 0.3
set up (LxWxH)	main mast: 0.8 x 0.8 x 2.0
Weight (Kg)	total: 325 - compressor: 76
Max Noise (dBa)	105dBa
Max drilling depth (ideal conditions)	10m sampling with SPT/ 15m probing (up to DPSH)
Sampling type	Window and Windowless & U70
Fuel	Petrol/ Diesel powered hydraulic compressor/ Electric option available
Jacking system	Separate 15ton hydraulic jacks
Ideal for:	Drilling competent cased boreholes, taking undisturbed samples and Dynamic Probing (DPH & DPSH) in areas of limited access access especially railway embankments and basements/ cellars
Notes:	With an additional tool this rig can also be used for concrete coring. Although it takes longer to complete a borehole this rig is used extensively across the railway network as it removes the requirement for costly possessions