



The ELG46 probe is widely used in the context of groundwater resources exploration and development.

The example log shown on the left was recorded within the strategically-important Albien artesian aquifer sequence underlying Paris, France.

The productive sandstone layers are clearly delimited by the higher resistivities (SPR/N16/N64) and lower gamma ray values.

The data obtained from the ELG46 probe was key in ensuring that this production well was completed with blank casing and filter screen sections in the most cost-effective way possible.



Filter screens ready for installation in the well

The example resistivity log shown above was only one element of a complete programme comprising of different logs for lithological analysis, well cementing, deviation and gravel pack conformity checks, as well as a production profile to ensure that the completed well was efficiently capturing the available groundwater.

LIM Logging equipment was successfully used during the entire programme with no down-time.



LIM Logging unit on the drill site located in the north-eastern suburbs of Paris