

CASE HISTORY

Application: **Water and Environmental**
Technology: **Camera borehole inspection**
Location: **Polkemmet, Edinburgh, Scotland**

The client is tasked with monitoring over 80 boreholes and shafts over a large area in Scotland and Northern England. Periodically they need to evaluate water quality and shaft condition: whether this be the conductivity, well maintenance is essential to check for productivity, leaks, obstructions, casing corrosion and grout degradation. For this particular well the client needed to know the physical condition of water pumps placed in the shaft to control the local water level. This was critical with there being a local primary school close by.

To achieve this a detailed shaft inspection was required.

Robertson Geo deployed a logging unit and field personnel to run its CCTV camera inspection unit which was instantly able to identify the water pumps and there condition.



The versatile Robertson Geo Tripod set up over an unusually awkward entrance to a shaft.

End value to client:

The clarity of the camera was easily able to identify the water pumps to the client, there condition, stability and exact depth. Given this vital information the client was confidently able to make informed decisions as to the longevity of the pumps.