

Down-Hole Camera

Overview

SIFU provides down-hole video inspection services of wells and open boreholes using a *Well-Vu™ Downhole Camera* to support environmental site investigations. The cylindrical, waterproof camera is connected to a spool of coaxial cable and produces real-time recordable video as it is lowered into a well or borehole.

The camera may be used to investigate wells or boreholes greater than two inches in diameter and up to 300 feet deep. The videos can be used to determine well casing integrity, to identify obstructions or casing damage, to locate and observe ground water producing intervals and to observe gross contamination that may be present (e.g., non-aqueous phase liquids or surface water infiltration).

Down-hole videos are especially helpful to determine the construction of wells for which construction logs or records are not available and to select the appropriate screen intervals when installing new wells (if the borehole integrity is competent). The camera is also useful for locating ground water producing fracture zones and for evaluating wells which are no longer producing water (eg, plugged well screen).



Well camera and tripod assembly



View of an open borehole using the down-hole well camera



Preparing to use the down-hole camera to evaluate a well