

Passive pressure relief wells with geophysical logging in line with the nuclear new build quality controls

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## Installation of a series of passive pressure relief wells to reduce porewater pressure

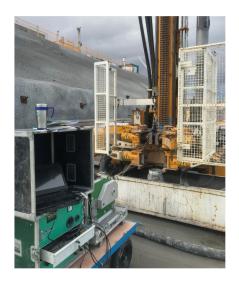
To comply with the specification requirements the geophysical testing included:

- Verticality testing to log inclination
- Calliper testing was undertaken to highlight any major fractures and fissures in the bedrock and to enable adjustment to well design if necessary
- Full CCTV surveys after the completion of drilling, and after the steel well liner had been installed ensured that there were no potential issues with the integrity of the well
- Thorough and highly detailed logs were produced and records kept with geophysical analysis and interpretation



## **Objective**

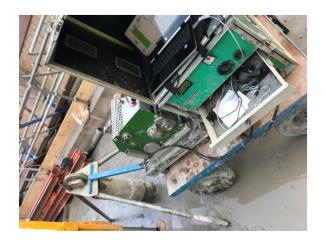
In-line with Nuclear New Build quality controls, extensive geophysical logging, analysis and interpretation was undertaken at Hinkley Point C as part of the permanent groundwater control design.





## Solution

As part of the permanent groundwater control design to reduce porewater pressure, a series of passive pressure relief wells was installed. Phased works involved the drilling of permanent pressure relief wells up to 70m deep using rotary drilling methods.



Services	Geophysical Logging
Location	Somerset
Industry	Construction

