

Beinn An Tuirc Ground Investigation

Client :
Scottish Power Renewables
Ltd

Consultant :
URS Corporation Ltd

Location :
Mull of Kintyre, Scotland

Date :
2008



BAM Ritchies carried out a large wind farm ground investigation for Scottish Power Renewables Limited at Beinn An Tuirc on the Mull of Kintyre.

Access was very difficult since the site was remote (located several miles from the nearest main road) and comprised undulating, forested areas with felled trees, stumps and soft, wet, peaty surface conditions.

To cope with these conditions, BAM Ritchies mounted the drilling rig and compressor upon two Morooka MST1500 low group pressure (lgp) carrier units. A further two smaller Morooka MST600 units were employed to carry water tanks, pumps and drilling consumables.

Two lgp excavators were employed, one working in advance clearing felled trees and levelling off access routes, the other assisting the movement of the Morookas carrying the drilling rig and compressor. Both excavators were also used on trial pitting duties.

In addition, personnel and other equipment, installation materials and samples were transported using an ex-military Hagglund BV205 rough terrain vehicle which proved to be very successful.

The work was undertaken during July and August 2008 and comprised 20 boreholes, 80 trial pits, insitu testing, laboratory testing and factual report writing.