

# Dalquhandy Wind Farm Project Coalburn, South Lanarkshire

In 2018, Hydracrat were commissioned by Dalquhandy Wind Farm Ltd, under the technical guidance of Wardell Armstrong LLP, to carry out a ground investigation on the former Dalquhandy Opencast Coal Site near Coalburn, South Lanarkshire.



Commencing in Q1 2019, we obtained geotechnical, geo-environmental and geophysical information to assist in site assessment and modelling for a proposed wind farm development.

The comprehensive GI package included rotary probe, open-hole and core drilling through Opencast backfill up to 60mbgl. The programme also included trial pits, geophysical survey transects, plate bearing tests, lab testing and the felling of a decommissioned met mast.

We provided high quality in situ test results, superficial samples and rock cores, while also installing gas and groundwater monitoring wells.

Access to borehole locations was limited and ground conditions extremely soft, thus requiring 2no. HYCAT 40" track drilling rigs and a support vehicle to transfer equipment, supplies and crew.

"Hydracrat worked closely with Wardell Armstrong and the client to develop the most cost-effective and efficient ground investigation programme, which was completed on time and under budget.

I would highly recommend Hydracrat's services."

**Naomi Lee, Associate Director at Wardell Armstrong LLP**