

RAEBURN

DRILLING & GEOTECHNICAL LTD

Raeburn Drilling & Geotechnical Ltd will be 25 years old in July 2010.

In the build-up to such a significant landmark, RDG would like to revisit a handful of the contracts that have helped establish and maintain our sterling reputation in the industry. From busy urban streets to open moorland, massive infrastructure projects to single plot developments, RDG specialise in providing reliable, high quality site investigation services.



A82 Ba Bridge - 2009

In stunning surroundings a few kilometres south of Glencoe on the banks of Loch Ba, this project was one of the many interesting rural sites investigated by RDG in 2009. Involving cable percussive boring, in-situ testing, rotary coring and machine excavated trial pits around an existing bridge, the focus of the investigation was to characterise road and embankment composition in conjunction with an assessment of adjacent drift and solid geology. The results of the investigation were used to facilitate a Transport Scotland scheme to improve the A82. The project included a temporary realignment of the road and bridge to enable project managers, Scotland Transerv, to widen the existing corridor for road users' safety.



Scottish Water Solutions (SWS)

Stromness, Newton Stewart, Rothienorman & Kishorn WTWs (North, South, East and West)

Having successfully operated on behalf of Scottish Water since our inception, in 2007 RDG were awarded the role of SWS Framework Contractor for Site Investigation. Under a shared framework, RDG Limited is asked to carry out Ground Investigation work across Scotland. The individual projects have ranged in size from one to over one hundred exploratory locations and have allowed RDG the opportunity to contribute directly to the improvement of essential infrastructure in both urban and rural communities. The above projects, undertaken in 2008 and 2009, give an idea of the geographical extent to which RDG have travelled as part of this ongoing commitment.



M8 Baillieston to Newhouse & Associated Improvements (M73, M74 and Raith Interchange)

RDG were exclusively involved in the various phases of this contract during the period 2004 to 2009. The project was extensive, with more than 1700 individual exploratory locations investigated and more than 5000 individual geotechnical tests carried out by our fully accredited, in-house laboratories. RDG successfully and safely negotiated all the inherent logistical and technical challenges, including probing, pitting and trenching to locate mine shafts, conducting large scale pump testing, sinking boreholes and trial pits on motorway verge areas with hard shoulder closures, on embankment and cutting slopes and in SSSI areas.



East End Regeneration Route, Glasgow

RDG have been involved in the EERR project since the late 1990s, with our most recent activity during the summer of 2009. With a complicated technical specification and similar logistical challenges to the M8 contract, only in an urban setting, the project allowed RDG another opportunity to showcase our extensive, fully accredited in-house resources.

During our 25 years, Raeburn Drilling & Geotechnical Limited have been involved in over 12,000 projects in site investigation, waterwell drilling and installation, exploration and geothermal drilling and loop installation. A few from the more distant past are the Glasgow Harbour residential development (2002), Glasgow Southern Orbital - GSO (1999), Gleneagles Golf Development (1998), Hampden Park (1996), Campsie Springs (1990) and M74 Abington to Elvanfoot (1989).

Waterwells & Geothermal Division

Approximately 20% of RDG projects focus solely on waterwell or geothermal drilling and installation. RDG's expertise in both sectors has facilitated our involvement in significant national and international contracts.

Memorable projects include:

St Martins-in-the-Field- drilling and installation for 2No. Openloop wells to 140metres at 250mm diameter to assist in cooling the world famous London church in Trafalgar Square as part of a programme of refurbishment.

St. Kitts - drilling a series of waterwells to in excess of 100 metres depth, including pump installations.

London Clinic, Devonshire Place - drilling and installing two boreholes to act as abstraction and discharge wells. The wells were 115m deep and drilled at 300mm diameter using mud-flush techniques.



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