



## DECOMMISSIONING

AN OLD DISUSED BOREHOLE CAN BE REFURBISHED AND TURNED INTO A VALUABLE ASSET. HOWEVER IF YOU HAVE NO FURTHER USE FOR A BOREHOLE ON YOUR PROPERTY, IT CAN BE A LIABILITY ALLOWING POLLUTION DIRECT ACCESS TO DRINKING WATER AQUIFERS AND IT SHOULD BE ABANDONED PROFESSIONALLY.

ABANDONMENT VARIES FROM SITE TO SITE, DEPENDING ON THE CONSTRUCTION OF THE BOREHOLE, STRATA AND AQUIFERS PENETRATED AND SUBSEQUENT USE OF THE LAND.

BOREHOLE ENGINEERING SERVICES, THE ENGINEERING DIVISION OF DRILCORP OFFERS A PROFESSIONAL BOREHOLE ABANDONMENT SERVICE ENSURING THE CORRECT PROCEDURES ARE CARRIED OUT AND GIVING WRITTEN CERTIFICATION THAT WORKS HAVE BEEN CARRIED OUT TO THE CORRECT STANDARDS.



# BOREHOLE ENGINEERING SERVICES

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# DECOMMISSIONING

## BOREHOLE DECOMMISSIONING CHALLENGES SUCCESSFULLY OVERCOME

BOREHOLE ENGINEERING SERVICES THE ENGINEERING DIVISION OF DRILCORP WAS RECENTLY ENGAGED TO DECOMMISSION TWO UNUSED BOREHOLES BELOW A BUILDING IN LONDON. ACCESS TO THE WELLS PROVED TO BE THE FIRST CHALLENGE TO BE OVERCOME, REQUIRING THE CLOSURE OF THREE DISABLED PARKING BAYS AND A FOOTPATH. THEN THE FRONT OF THE BUILDING WAS FENCED OFF AND GRATING WAS REMOVED TO ALLOW ENGINEERS TO LOWER EQUIPMENT AND MATERIALS INTO THE BASEMENT USING A PORTABLE DAVIT SYSTEM. ALL EQUIPMENT WAS THEN MANHANDLED FROM THE BASEMENT AND THROUGH A PLANT ROOM TO THE BOREHOLE LOCATIONS. GREAT CARE WAS NEEDED TO ENSURE THE PROTECTION OF THE EXPENSIVE MARBLE STRUCTURE OF THE BUILDING.

THE ENVIRONMENT AGENCY HAD SPECIFIED THAT THE BOREHOLES BE DECOMMISSIONED ACCORDING TO THE ORIGINAL STRATA PENETRATED WITH GRAVEL AT THE LOCATION OF KNOWN AQUIFERS AND BENTONITE/CEMENT GROUT OVER THE NON-WATER BEARING ROCK.

MATERIALS WERE TREMMIED INTO THE BOREHOLES IN MEASURED QUANTITIES AND BACKFILLING WAS MONITORED WITH TAG LINES TO ENSURE THAT THE STRICT SPECIFICATIONS WERE FOLLOWED.

THE LIMITED SPACE AND ARDUOUS WORKING CONDITIONS OF THE PROJECT MEANT THAT THE COMPANY'S ENGINEERS HAD TO USE THEIR INITIATIVE TO FIND SOLUTIONS TO THE MANY CHALLENGES. WORKS WERE COMPLETED IN AN EFFICIENT AND TIMELY MANNER WITH A SUCCESSFUL OUTCOME FOR A DELIGHTED CLIENT.

**BOREHOLES ARE OUR BUSINESS**



**BOREHOLE  
ENGINEERING  
SERVICES**