

**DRAGON  
DRILLING**

DRAGON DRILLING  
SPECIALISE IN WATER  
BOREHOLE, GROUND  
SOURCE HEATING AND  
LANDFILL DRILLING



# About

We will beat any genuine like for like written quotation on water and ground source heating boreholes.

Dragon Drilling can help you to significantly reduce your water and energy bills.

Dragon Drilling is a leading UK specialist drilling contractor that was set up in 2005 and is based in Corwen, Denbighshire, North Wales.

Our team of highly qualified staff work on projects for domestic, commercial and industrial clients, and own seven drilling rigs.

**Our services include:**

- Installation and maintenance of water boreholes
- Installation of Ground source heating boreholes
- Water quality testing
- Pump testing
- Servicing
- Repairs
- Landfill drilling, pile work and site investigation
- Rotary coring





Access to natural water,  
without water bills.

# Water Boreholes

Dragon Drilling specialises in the design, installation and maintenance of water boreholes.

If you currently use a large volume of water and face costly metre charges from your mains supplier, a borehole can save you considerable sums of money. It also offers an excellent alternative if you have poor water quality or an unreliable supply.

**Our complete service includes:**

- Site assessment
- Geological review
- Consultation with regulators
- Drilling works
- Borehole pump, water tank and pipework installation
- Water quality testing
- Water treatment, filtration and sterilisation

Ideal for farms, caravan parks, leisure facilities and rural homes, water boreholes enable you to become independent of mains water.

Using compact, rubber-tracked and manoeuvrable drilling rigs, we can help you establish a self-sufficient water supply with minimal disruption to you and your property.

When investing in a borehole for your property, whether domestic or commercial, we will help you assess the feasibility of an installation and also identify the potential cost savings based on your current metered charges.

Free yourself from metered charges with a private, reliable water supply.

“ The final phase of fitting the float switch and completion went like clockwork. The site was left very tidy and as you have probably realised by now, we are very happy with the whole process which had taken two years of consideration before choosing your company out of four companies approached for a quotation.

Thank you very much to your company for making the whole process a joy.”

**Corrine and Colin Kindred**

# Water Boreholes

There are numerous benefits to having a water borehole. Some of our valued customers chose to have water boreholes installed for the following reasons:

- Water costs are expensive
- Poor water quality
- They have an unreliable supply
- They have low pressure
- Their property has no water supply

If any of the above apply to your property or business it's worth giving us a call and arranging a free site survey today.



# Ground Source Heating

Heating that doesn't cost the Earth.

Extracting energy from the ground to heat a property is a sustainable use of the earth's natural resources and could reduce your fuel bills and carbon emissions. A few metres below the ground, the temperature is constant throughout the year, typically 11°C.

This is the only form of renewable energy that can be reversed to provide cooler temperatures when required.

Ground source heating is extremely efficient and can be installed on a minimum amount of land. It is a superior alternative to Horizontal Ground Collectors because unlike this option, ground source heating is far less intrusive as it is installed vertically, rather than horizontally. Additionally, this vertical installation provides a more constant temperature than a horizontal one, making ground source heating a more efficient and less invasive option.

As well as domestic properties, this renewable energy source is also ideal for structures that require variations in temperature, such as chicken sheds and farms that need to be kept warm rather than hot, and football grounds..

Generate 75% renewable energy that ensures constant heat 24 hours a day.



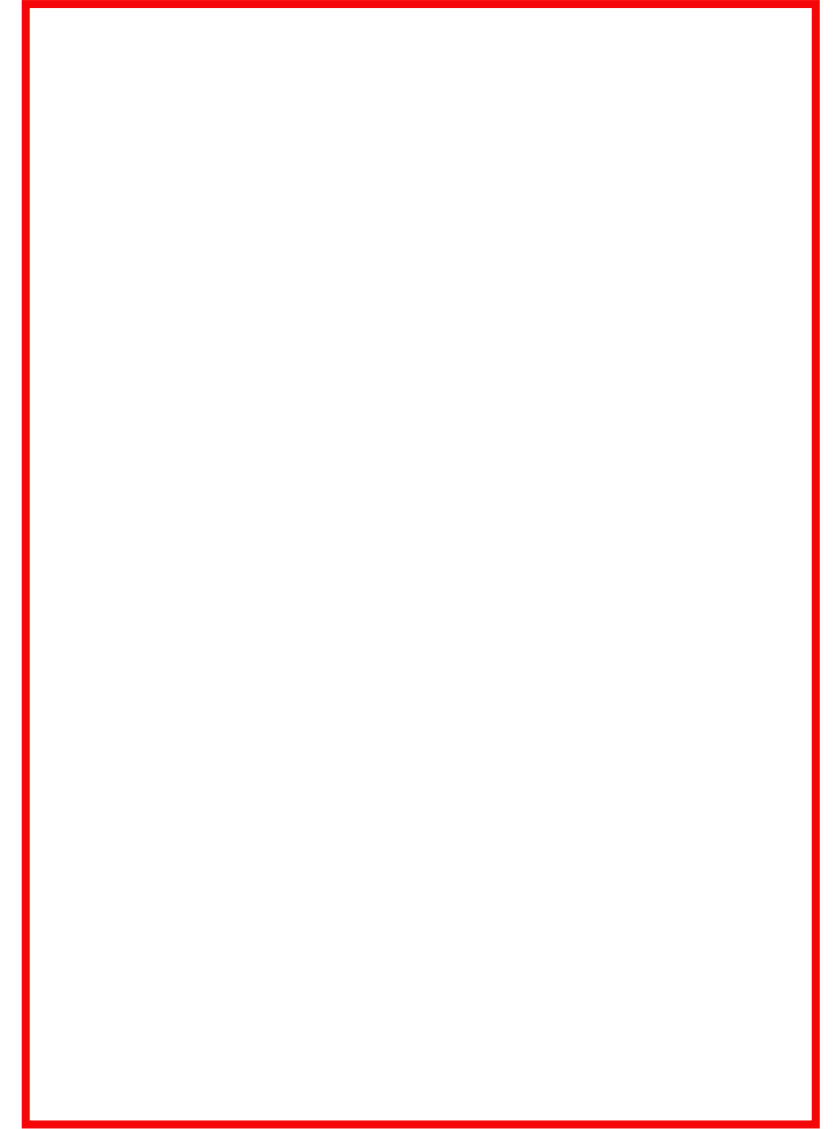


# Ground Source Heating

Harness the Earth's natural energy to heat your home and water.

**The benefits of ground source heating systems include:**

- On average, production of 75% free renewable energy
- Government incentives – such as the Renewable Heat Incentive (RHI)
- Fixed and stable energy costs
- Lower carbon emissions
- Constant heating and cooling 24 hours a day
- Fuels hot water as well as heating and cooling
- Directly replaces your existing boiler
- Reversible to provide cooler temperatures in summer
- Suitable for virtually any property
- Can add value to property
- No more fuel deliveries required
- Requires minimal maintenance





# RHI for Domestic Property Owners

Save on your energy bills and receive additional funds.



The Government offers a significant financial incentive to domestic property owners who install ground source heating as a sustainable energy source. The Government will pay a set rate tariff per kilowatt hour for the renewable heat generated over a seven-year period.

For a ground source heat pump, this tariff is currently at 19.3p/kwh. This sum is paid to the owner of the system residing in existing domestic and self-build properties.

**Your system will pay for itself.**

The annual savings you could make when replacing an existing heating system in an average four-bedroom detached home with an average ground source heat pump installation are shown below:

| Existing system                | Fuel bill savings (£/year) | Renewable Heat Incentive (RHI) payment (£/year) | Renewable Heat Incentive (RHI) payment (£/year) | Carbon dioxide savings (kgCO <sub>2</sub> /year) |
|--------------------------------|----------------------------|---|---|--|
|                                |                            | 1 April 2015 to 31 March 2016                   | 1 March 2016 to 30 June 2016                    |  |
| Gas older (non-condensing)     | £440 to £660               | £2,555 to £3,955                                | £2,590 to £4,005                                | 2,100 to 3,300 kg                                |
| Electric (old storage heaters) | £790 to £1,425             |   |   | 6,700 to 11,700 kg                               |
| Oil older (non-condensing)     | £130 to £220               |   |   | 3,000 to 4,700 kg                                |
| LPG older (non-condensing)     | £960 to £1,500             |   |   | 2,800 to 4,500 kg                                |
| Coal                           | £590 to £990               |   |   | 7,600 to 12,100 kg                               |



# Landfill Drilling

Our in-house Chartered Environmental Engineers are highly experienced and renowned in the industry for their vast knowledge and expertise.

Dragon Drilling is one of the UK's leading providers of drilling services to the landfill and waste industries.

Using our extensive capabilities, we drill boreholes for landfill gas extraction and utilisation, leachate control and environmental monitoring. We can also install impact wells for interim gas control and evacuation of subterranean fires.

We are able to provide advice and assistance on all landfill issues and regulatory requirements and we provide advisory services for global projects based in the UK, Europe, Middle East, Australia and the USA.

**Our services include:**

- Retro Drilling
- Gas Extraction
- Site Monitoring
- Decommissioning

Trust our extensive drilling expertise for your landfill projects.







# Quality Standards

Leading the way and operating with excellence are our primary objectives.



We comply with the latest industry regulations and quality standards to ensure we add value wherever possible. We combine our vast expertise with the latest advancements in technology to ensure we fulfil the exact requirements of every project.

#### **ISO 9001:2015**

Dragon Drilling was awarded the prestigious quality standard ISO 9001 in February 2009 in recognition of our quality management system. This award demonstrates our ongoing commitment to providing the highest quality service and establishes Dragon Drilling as a leader in the drilling industry.

#### **British Drilling Association**

Dragon Drilling is a member of the British Drilling Association, the UK's trade association for the ground drilling industry. The British Drilling Association is committed to improving standards in Health & Safety, quality of workmanship and technical proficiency for the benefit of the drilling industry and its customers.

#### **GSHPA**

Dragon Drilling is accredited by the Ground Source Heat Pump Association. A member of the Dragon Drilling team, Andrea, is on the council of the GSHPA and Chair of Marketing. The GSHPA encourages the growth and development of the ground source heat pump industry in the United Kingdom and develops ground source installation standards.

#### **Health and Safety**

We have a strict health and safety policy to ensure that best practice is followed on every project. Our experienced team are fully trained and up to date with applicable certification and health and safety guidance.

Each job, no matter how large or small, is assessed before our experts create a health and safety file, method statement and risk assessment to ensure a smooth and efficient operation.



# CONTACT

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