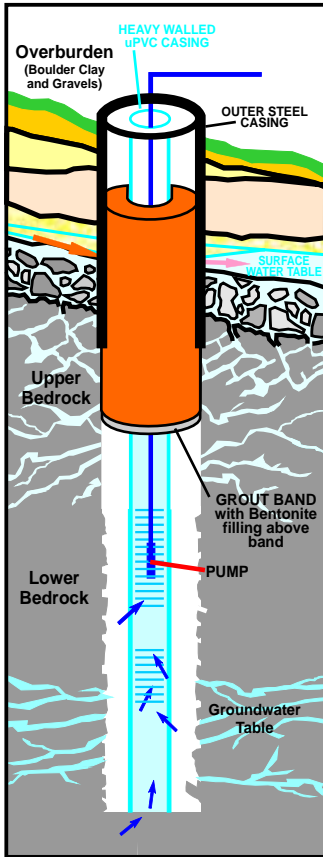
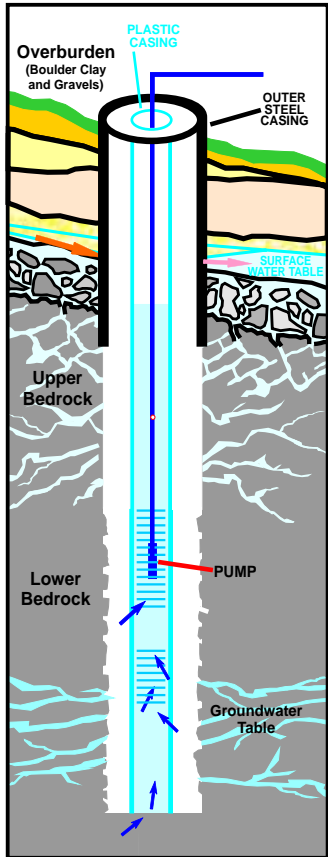
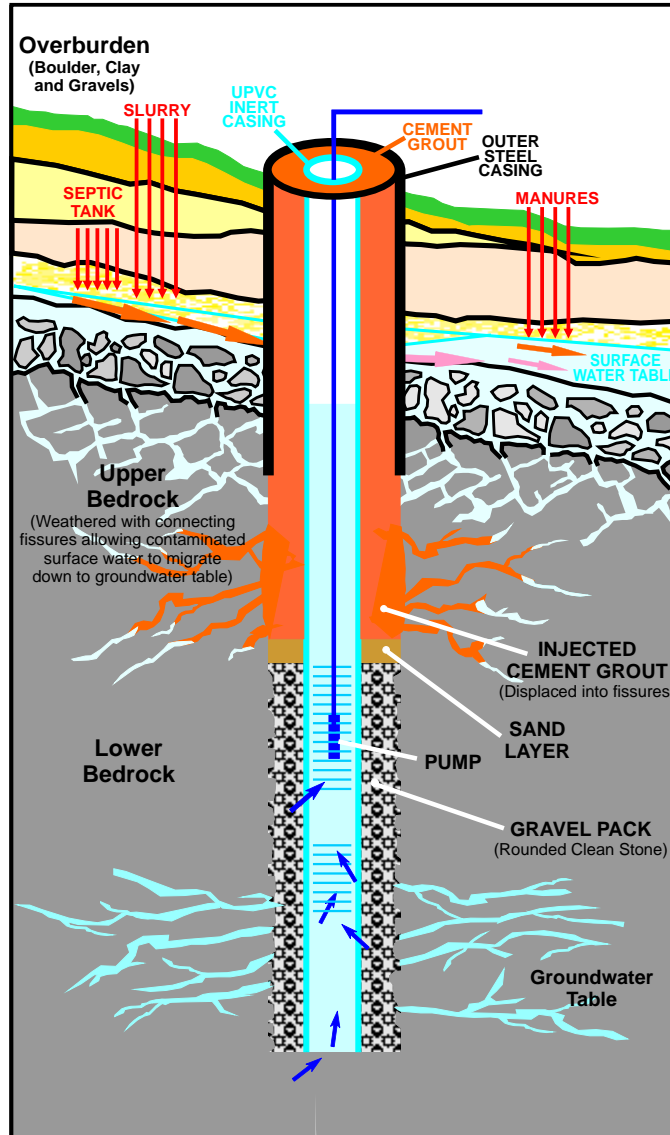


UngROUTED Borehole

Grouting by Grout Band



BOREHOLE GROUTING by Tremie Pipe Injection



Patrick Briody & Sons Ltd.,
Aquadrill Services,
The Grove, Rathangan,
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Tel: (045) 524360 Fax: (045) 524785
Mobile: (087) 2589313

Water Well Drilling Specialists



Leading by example

Website: www.briodydrilling.com



We are the first water well drilling business to achieve the Irish Quality Mark of Approval for Quality Service. Our Quality Management System is currently being upgraded to a process-based Quality Management System i.e. ISO 9001:2000.

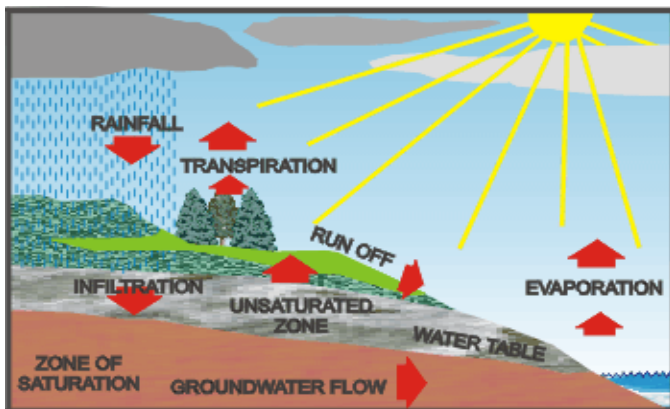
BUSINESS GOAL

To offer our customers reliable, modern drilling machinery, operated by experienced & pleasant staff and supported by a professional business approach, from quotation to after sales service.

CONSUMER TIPS

It is in your best interest to check that the Drilling Contractor:

- Has reliable and comprehensive machinery to handle varied and unpredictable drilling conditions.
- Considers local drilling records to ascertain likely drilling conditions applicable to your site.
- Undertakes a site survey to consider drill rig access, potential implications of drilling near buildings and/or existing wells.
- Suggests an appropriate location for proposed well, in adherence with various guidelines in order to facilitate groundwater protection efforts.
- Provides a written quotation clearly stating terms and conditions.
- Clarifies queries at site survey stage e.g. cement sealing of water well, well disinfecting, specification of steel and plastic casing to be used. Make sure an adequate borehole log will be recorded.
- Issues advice on manhole completion, pump installation & water testing and associated treatment systems.
- Clarifies what the drillers undertaking is if the borehole does not produce a minimum domestic water supply eg. 200 gallons per day.



Hydrological Cycle

Patrick Briody & Sons Ltd t/a Aquadrill Services offer for each water well:

• **Advisory Services**

General information on well drilling & borehole construction methods, also information on private well grants.

• **Site Specific Survey**

Each site will be surveyed in advance of quotation issue including reference to existing drilling records of the area.

• **Written Quotation**

Clear, unambiguous written quotation, including our responsibilities & guarantees.

• **Borehole Grouting**

The consumer will be offered as an optional extra well sealing by either:

(a) Grout band ie. steel band placed below steel liner attached to outside of heavy walled uPVC casing, with bentonite pellets emplaced outside uPVC casing from top of grout band to 3-5 metres inside steel casing. *See diagram overleaf.*

or

(b) Grout by tremie pipe injection mixing cement grout on surface and injecting it through tremie pipe below bedrock, displaced into rock fissures back to surface and supported by column of clean gravel outside uPVC screen section. *See diagram overleaf.*

Note: Well sealing is particularly effective where drilling conditions are stable and generally described as competent bedrock.

• **Well Disinfection**

A concentrate of Well Disinfection to be offered at cost on completion of each well.

• **Well Head Protection**

Instruction sheet re well head works (including manhole finish) issued after each job.

• **Pump Installation**

Recommend Specialist Pumping Contractors with proven on-hand expertise and back-up support local to your area.

• **Water Treatment**

Advisory Services on who to contact and steps to take to secure an effective treatment systems.

Email: info@briodydrilling.com
Website: www.briodydrilling.com

WHAT OUR CUSTOMERS SAY (Abstracts from recent Customer Survey)

“These guys turn up when they say they will, very efficient, just one day on site and kept me informed when drilling was in progress.”

Mr. O’ Sullivan, Galway.

“I liked their approach, they guided me on an over-all estimate to drill and line my well, a realistic estimate that didn’t compromise materials or machinery to do the job properly. Then they delivered what they said they could do within budget.”

Mr. Regan, Westmeath.

“They call a spade a spade. They picked a sensible location to drill my well. They alerted me to important issues in advance of deciding to drill ie. water quality issues, containment of drill cuttings & discharge water while drilling is in progress.”

Mr. O’ Brien, Wicklow.

“They certainly impressed me. From their initial site visit and survey including clarity of their written quotation, to witnessing experienced staff operating powerful machinery to their post-drilling follow-up on well head protection advice and specialist pump referral.”

Mr. Foley, Sligo

One Drilling Contractor’s water well is the same as another Drilling Contractor’s water well - **NOT NECESSARILY!**, for example consider:

- Particularly in gravel/sand formation. Is the borehole sufficiently deep to ensure long term sustainability of water supply?
- Is the borehole properly logged?
- Are inlets containing fines and silt in top section of borehole satisfactorily closed out by driving non-perforated steel casing beyond these inlets?
- Are welded joints between steel casings adequate to withstand hammering into position?
- Is the borehole vertical or does it shoot off-vertical below ground level?
- Are steel lining & plastic lining certified materials (ie. fit for purpose)?