



AAA
Narrow Access Machinery

Q. Is my place suitable for a sand spear?

A. The Number One Requirement is that you Must Live ON the sand close to the beach! This system will not work if you are on clay, shale, sandy loam etc. Find out if any of your neighbours have a sand spear and if possible, what depth?

Q. How do sand spears work?

A. Sand spears rely on water to filter through the sand to be able to work. A stainless steel sieve with a non return valve, connected to a 32mm pipe is inserted into the ground and connected to a pump. Water is then able to be sucked out of the sand, through the sand spear and up the pipe. The non return valve stops water flowing back underground when the pump is turned off, eliminating the need for the pump to be primed every time the pump is turned on.

Q. My neighbour has a sand spear that is less than 20 feet deep. Is it likely that we can have a sand spear too?

A. If your neighbour has a sand spear, it is most likely that your site will be no different.

Q. Do I need a permit for a sand spear?

A. No. Not at this stage. Permits and licensing etc. are required for bores over 6 metres.

Q. Do you divine for water?

A. No. If you are on the sand it stands to reason that the water will permeate through all of the sand. Divining for water is more applicable for deep bores and underground streams, and yes, I do believe that it works for those situations.

Q. Why is it important to have an automatic pressure system?

A. In the case of a manual system, the pump can remain on while a (trigger) fitting on the end of the hose can turn the water off. The water in the pump body can then boil and destroy the pump. No warranty will cover this.

Q. Do you drill deep water bores?

A. No. We do not drill water bores past 6 metres (20 feet)!

Q. I already have a sand spear installed by some one else and it is not working. Will you fix it?

A. Get your installer to fix it. This is why we only use DAB pumps.

Q. What happens if we don't strike water?

A. In some cases water may not be found within 6 metres. Sometimes the layer of sand may be thin, and then turns to clay. Water cannot be drawn from clay.

In some cases the hole may be full of water and look 'promising', however, it may take up until the pump is connected, primed and turned on, that the realization the spear cannot draw enough water from that hole to sustain a pump, i.e. the pump runs for a short while – then runs dry.

In these cases, an hourly rate of \$99 including GST will be incurred for travel time and drilling, and cost of any pipes or fittings used. It is important to realise that sand spears can vary in depth, quantity and quality of water from one house to the next.

Q. Do I need to register the bore with the local council?

A. At this point of time, it is optional to register a sand spear. If you don't register the spear, you may have to explain to the local council law enforcement why you have such a green garden! Also, in times of water restrictions why you are watering out of designated hours!