



**SHIPO drill.** A manual drilling option combining percussion and sludging. Depths to 50 metres. Ca 800 wells drilled



**SHIPO drill with jetting.** The SHIPO drill combined with a standard engine pump for jetting. Tungsten drill bits added for hard soils



**Well Pipe..**Hand dug wells that dry up can be made deeper with a Well pipe system which uses a Tube bailer inside a 4 inch PVC casing



**Small diameter wells.** Digging a well of 0.7Meter diameter is 50% less soil removal than a well with a diameter of 1 meter.



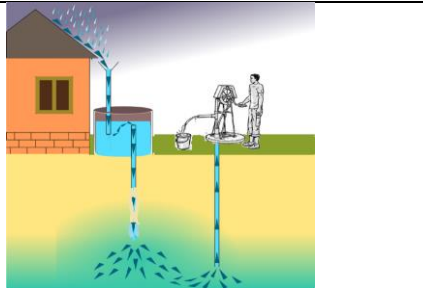
**Well ring reducer.** A system to reduce the top of the well in order to install a well cover. A well cover and pump will be installed later



**Wire brick tank.** Water storage tanks using wire and bricks of cement blocks. Volumes of 1 to 50 cubic meters. Over 400 installed



**Tube recharge.** A technology to store 100-500 cubic meters of rainwater per year or more in the ground. Material 10\$



**Tube recharge combined with a roof water harvesting tank.**



**Open well.** Before upgrade



**Open well after upgrade.** This well is upgraded to an improved water source using a well cover and Rope pump



**Table top filter, Tulip model.** A table top filter removing 99.99% of the harmful bacteria. Plastic parts produced locally. Cost 18\$ [www.basicwaterneeds.com](http://www.basicwaterneeds.com)



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