



# THE VILLAGE DRILL

Helping to Save and Improve Millions of Lives.

## THE VILLAGE DRILL IS PROVING TO BE THE NEW STANDARD FOR BOREHOLE DRILLING IN RURAL DEVELOPING COUNTRIES.

Its simple human-powered design is ideally suited for the needs of the rural countries that are struggling to solve their water supply problems. As compared to other available drills, the Village Drill presents a much lower-cost alternative to big machinery, with much higher drilling capacity of other hand drilling options. Additionally, its simple construction offers a more durable, mobile, and inexpensive solution to villages out of the reach of urban road networks.

The Village Drill gives millions of people around the world the tools to end their water supply problems.

Water changes everything. Clean water makes better health possible, better health leads to more opportunity for adults and more education for children. More opportunity and education can end poverty.

The Village Drill changes everything!

*The Village Drill is patented technology and is distributed by WHOlives.org. For more information on the Village Drill visit our web-site or email [help@WHOlives.org](mailto:help@WHOlives.org) or call 011+888-67-LIVES (888-675-4837)*

### KEY NEED

Clean accessible water saves lives, gives women and children 30% of their day back which can now be spent creating income and furthering education.

### SELF-RELIANCE

We believe in empowering communities with the right tools. The human-powered Village Drill allows the villages to help themselves.

### POWERFUL

Will penetrate most hard surfaces including rock and hard clay, and can drill over 100' per day in ideal conditions.

### SIMPLE

Assembled and disassembled with hand tools; and is operated by locals needing only very basic instructions.

### ROBUST

Manufactured from solid steel, few moving parts, this work horse drill will sink wells for years to come.

### MOBILE

Sets-up and takes-down within the hour, throw it in the back of a pickup truck and move to the next village.

### AGRICULTURE

Access to shallower water sources ideal for irrigation.

### INEXPENSIVE

For about the cost of one traditional well you can purchase the Village Drill and drill as many boreholes as you desire, helping to save and improve millions of lives.

# WHOLives.org

## Why should we care?

- 884 million people lack access to safe water supplies; approximately one in eight people.
- 3.75 million People die each year from water-related disease, 84% are children.
- Diarrhea causes 1.4 million children's deaths every year. More than AIDS, malaria and measles *combined*.
- The ability to bring clean safe drinking water to impoverished nations is the number one concern of governments and NGO's. Yet the problem still remains wholly unsolved.

## 3 ways WHOLives.org excels as an NGO

1. Our belief that most third world villages have the capacity to be the creators of a better destiny if given the tools and mentorship for success.
  - a. We work with impoverished communities where people are willing to work as a united force, allowing the village to take ownership for what has been done and giving them dignity and confidence in a sustainable future.
2. We focus on the entire health of a village and not just a singular pet project.
  - a. There is a proven and natural growth out of poverty and it can be broken down into three areas of advancement.
    - i. First a village must have a clean water source.
    - ii. Second a village must have available health care.
    - iii. Third with a water and health you can now create opportunities through education and motivation.
3. We teach self-reliance, we do not give; we participate, teach and mentor.
  - a. A village must first believe that they are the responsible party. We do not build something and leave a plaque. We create opportunity and the village creates the results.

**The key to advancing any village in the third world starts with clean drinking water.** Without clean water all other efforts will fall short. When children are dying there is no recovery.

With that in mind **WHOLives.org** set out to create a cheaper and more accessible way for villages to drill water wells. And with the help of the engineers at the BYU capstone program they did just that. A **"Village Drill"** that incorporates all the specifications of traditional motorized well rig into a human powered rig that will drill for clean drinking water up to 250' deep at about 10% to 20% the cost.

### Advantages of the Village Drill over traditional methods:

Current method #1 is the traditional 9 ton truck with a motorized drill.

Failings: Too expensive averages \$15,000 per well. Too big, the drill rig physically cannot reach most of the villages in need nor can it travel on undeveloped roads

Solution: The village drill, which breaks down into four 200 lb. sections can be delivered on a trailer, in the back of a truck or by boat where needed. If the Village provides the labor the only cost is for the casing and the pump, typically under \$1500

Current method #2 are smaller trailer mounted motorized drills.

Failings: These rigs are expensive to build and are typically build in the US and then shipped overseas at a great expense. They take months to ship and have many problems with import laws and extortion by crooked governments. And lastly they are less reliable and replacement parts are not available.

Solution: The Village Drill is beautifully designed to be built in the country it will be used, thus avoiding shipping, taxes, time delays and because of its simple design and few moving parts it is more reliable and can be fixed in country if needed. There are a few specialty parts (three currently) that will be manufactured in the US but are small enough and light enough to be part of your carry-on luggage. And finally the village drill is built to the same drilling specifications, so the Village Drill, drills as fast and as efficiently as the motorized rigs.

Current Method #3 is hand dug wells: Still the most common solution even today.

Failings: Though a shallow well is better than no well, shallow wells still absorb ground water and all the run off of animals and farming waste. Most clean, safe water is reached at aquifers that average 100' to 200' below the surface.

Solution: The Village Drill reaches these deeper aquifers to deliver literally lifesaving water. In most areas in the world there is not a lack of water just a lack of access. And the cost of digging and lining a hand dug well is amazingly more than the cost of putting in a deep well drilled by our Village Drill.

## The "Village Drill" changes the game. It changes the world.

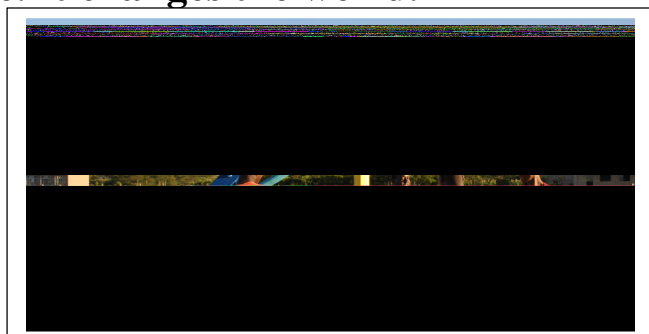
For more information or to donate please visit our website:

<https://www.wholives.org/GetInvolved.cfm>

100% of your donation will go directly to delivering water to those that are in the greatest need. Our overhead is covered by business operations of WHOLives.org

E-mail: [help@WHOLives.org](mailto:help@WHOLives.org)

Phone: 011-888-67-lives (888-675-4837)



The **Village Drill** concept was created by **WHOlives.org** and was developed by **Brigham Young University**.  
Our Drill was rigorously tested in Africa and drilled a 125 foot well in just 3 days in Magugu, TZ on May 23th - May 25th 2011

The **Village Drill** is proving to be the **new standard** for borehole drilling in rural developing countries. Your donations will make it possible to deliver the Village Drill to people in desperate need. But unlike donating for a single well, your donation will give a village the ability to drill as many wells as needed for their community and it will then move to the next Village. It is like delivering a fishing pole instead of a fish.

Water cures poverty. The Village Drill gives them access to clean water.

Please be a part of the solution to this world epidemic, contact us today for a private conversation

[www.WHOlives.org](http://www.WHOlives.org)

[help@WHOlives.org](mailto:help@WHOlives.org)

(888)67-Lives

(888)675-4837



# Clean water is the ONLY cure for poverty

3.75 MILLION people die every year from water related diseases. 98% of water related deaths occur in developing countries. 84% of water related deaths are in children 0-14.

In 3 days the Village Drill drilled a fresh water well 125 feet, improving the lives of thousands of Women and Children.

## The Village Drill changes everything

Please be a part of the solution to END POVERTY, contact us today for a private conversation. [www.WHOLives.org](http://www.WHOLives.org)

[help@WHOLives.org](mailto:help@WHOLives.org) (888)67-Lives (888)675-4837

