



Final report to The Goodall Foundation for the Borehole and water well project at Njorietti Maasai village in Tanzania

The bore hole and water well project was one of the most challenging but also successful projects that The Mud House Children's Foundation has carried out. The project took a lot more time than anticipated and the budget was stretched. However, this project has no doubt saved the lives of more than 4000 Maasai people, their cattle and their other livestock. It has been completely life changing.

This community has suffered a great deal of starvation and deprivation. In times of drought the women have had to walk for over two hours, just to find a little bit of water from a stream. Life has been very tough. Thanks to this project this will hopefully never happen again.

Stage 1 Instructing a water diviner.

We instructed a specialist water diviner to identify three sites where water could be found below ground.

Stage 2 Drilling for water

In May 2023 the first drilling took place and water was found about 80 metres deep. There was great excitement, but this was short lived. It was soon discovered that although water spurted out like oil, there was not enough water pressure and not enough water to last more than a few months.

We moved to the second identified site. Unfortunately, the same thing happened again which was extremely disappointing.

Before drilling for the third and final time, it was decided that a second opinion was required about the next and final drilling site. We were fortunate enough to persuade the best specialist water diviner in Tanzania to make the three-day journey to Njorietti. He identified the third site and reassured us that water was plentiful.

He was accurate. Not only did the third drilling find the water, but it was so successful that there was enough water, never to run out of water, even in times of severe drought.

At this point the funds for the project had run out and the project would have been put on hold for several months had it not been for another generous donation from The Goodall Foundation. It was then possible to continue with the project.

Stage 3 Building the solar powered pump, tower and storage tanks

Once the water was found, the solar powered pump and a water tower were built and installed with three x 5000 litre tanks.

In February 2024 a team of volunteers from the UK visited the project. To their delight the solar pump was switched on while they were there. They were the first to see the water come up out of the bore hole and pumped up into the three storage tanks.

Stage 4 Piping the water to taps in the village of Njorietti and the Maasai school

Once the pump, the water tower and the tanks were installed, a trench was dug and a pipe placed approximately a mile down the mountain. The water was gravity fed to the village of Njorietti and the Maasai school of Njorietti. Six taps were built on a stand for the villagers of Njorietti and other surrounding villages and four taps were built on a stand for the school children.

When the water was first turned on, there was great excitement because the Maasai children and adults in the village had never seen clean running water and had never seen a tap. We had to show them how to turn the tap on and then reassured them that the water was clean enough to drink by drinking it ourselves first.



Maasai pupils from Njorietti looking at their new tap

