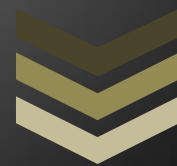


# DATCHA WELL PROJECT FINAL REPORT



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**For SOMAGG**

**12/1/2017**



# DATCHA WELL PROJECT 2017/SOMAGG

## I. SCOPE

The Datcha well project was intend to provide water by digging a borehole for a community at DATCHA a town found in the Central Region of Togo a country of West Africa.

This project was funded by Dr. Kimberly and benefactors and was executed by the SOMAGG.



Fig. 1- View of site before digging of well.



Fig. 2- Inside view of a classroom at the site



Fig. 3- Outside view of a classroom at the site

## **II. TIME FRAME**

The project was executed for a total of 3 months, beginning from 1<sup>st</sup> August to 28<sup>th</sup> October 2017.

Work started as soon as funds were received.

## **III. ACTIVITIES**

The work was done in 4 different stages

- Geographical introspection
- Digging of well
- Wall building Work
- Bore hole pump installation
- Inauguration

### **a) GEOGRAPHICAL INTROSPECTION**

This consists of the site study in search of water point by geotechnical experts. The first search was conducted on 1<sup>st</sup> August. It was confirm then that water could be found on the site.

On 20<sup>th</sup> September, a second search was made to find the exact point on the site where the well will be dug. This was successful as a good bed of water was found.



Fig.4- conveying of digging truck to the site

## **b) DIGGING OF WELL**

A mechanical digging started on the 20<sup>th</sup> September 2017 as soon as the water bed was found. On the 22<sup>nd</sup> September the water bed was reached and on the 23<sup>rd</sup> September the water was drawn up.



Fig. 5- Machine digging well

This was the most difficult part of the process but was done in a record of time due to the professionalism of the expert to which the work was assigned.

## **c) WALL BUILDING**

There was a need to build a wall around the well to keep it clean, to maintain a hygienic standard and also to keep it out of reach of animal. A circular wall was then built around the well with a small opening with a metallic gate. This work took four days to be done from 26<sup>th</sup> to 30<sup>th</sup> September 2017.

- **Fig. 6 - Fig. 10 - Wall building**



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10

#### d) BOREHOLE PUMP INSTALLATION

On the 15<sup>th</sup> of October 2017, the mechanic pump was installed. This was followed by pumping trials to draw up the water. This was done from 15<sup>th</sup> to 18<sup>th</sup> October until clean water came out. It was then confirmed that the well was ready to be used.

- Fig. 11- Fig. 15- Pump installation and pumping trials.



Fig. 11



Fig. 12

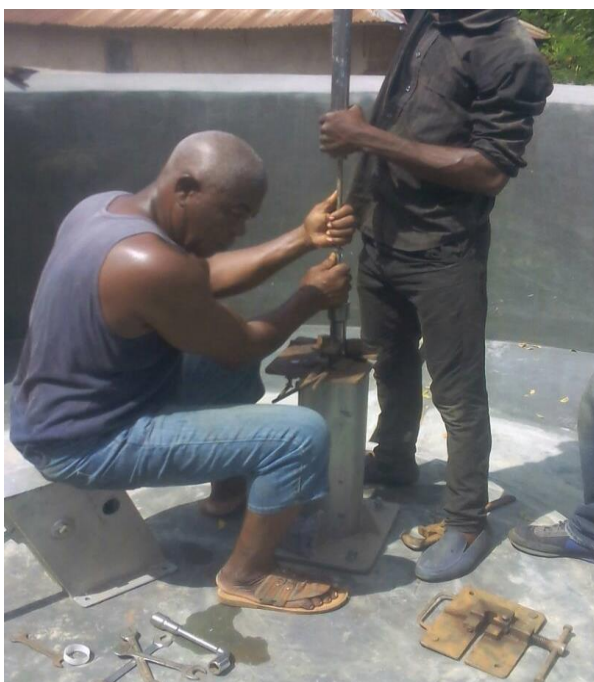


Fig. 13



Fig. 14



Fig. 15

### e) INAUGURATION

On the 28<sup>th</sup> October 2017, the team of SOMAGG lead by Fr. Odilon AMENYAGLO went to Datcha for the inauguration of the well. They received a warming welcome from the villages with singing and dancing. There the team met Fr. Phillip. After a brief report to him by the team, they went ahead with the inauguration which started by a welcome address from the Chief of the village who expressed his gratitude for the gift of water which the longed for. Other villages too expressed their gratitude and narrated the sad cases of death due to the children walking several miles in the night or at dawn to fetch water and were bitten by snakes or instances where their women were denied access to water in the nearby village because of scarcity. The villages appreciated and cherish the gift of water.

They went ahead with a plea of building of toilets facilities which the community has not and they have to go inside the bush to ease themselves.

After that the well was properly inaugurated by cutting of the ribbon, blessing by Fr. Phillip and first water pumped out for villages to drink. This was followed by popular rejoicing and a concluding address from Fr. Odilon who explained to then how the project came about and where the donation came from.

It was a time of festivities and appreciation.



Fig. 15 – Fr. Odilon addressing the community



Fig. 16



Fig. 17



Fig. 18





Fig. 19



Fig. 20



Fig. 21- Pumping of water by Fr. Phillip



Fig. 22- Blessing of the well By Fr. Phillip

- Fig. 16- Fig 20- Community delegates expressing their gratitudes.



Fig. 23- Fetching of water for aspersion



Fig. 24- Fetching of water by the SOMAGG team



Fig. 25- Fr. Phillipe addressing the community

#### IV. CONSTRAINTS

- The month of August been a raining season, the road was very bad rendering access to the site very difficult.
- Inflation affected the fund provided because the dollars rate highly dropped at that time making items price to increase.
- Scarcity of the mechanical pump delayed the whole work for two more weeks.



Fig. 26- Digging truck toiling through the bad road to the site

#### V. CONCLUSION

The whole work was done by professionals making the whole project going according to the time frame allocated. The well was registered as part of the national well project so that its maintenance over long term will be made by the local government.



Fig. 27- Inscription plate fixed on the well's wall.



Fig. 28