

Fondation Eagle
Completion Report Form

Fondation Eagle reference: FF 0587-2111

Name of charity: The Wulugu Project

Introduction: We were overwhelmed by the renewed opportunity we were given to protect vulnerable communities from the increasing threat of covid 19.

Type of project: Covid 19 emergency response—provision of mechanized boreholes.

Place of project: Northern Ghana:

Some of the original sites proved to be unworkable, largely due to un-reachable depths, inadequate volumes or too saline water. These were substituted by other equally desperate communities. Names of all sites drilled are given with information below.

Size of grant: £73,580

Period of project: April 2021- August 2021

Date accepted: 13.04.21

Details of the project:

To drill and make ready for use 20 mechanised boreholes in Northern Ghana.

Funding for the whole project was kindly received from Fondation Eagle on 21.04.21.

Work was completed by 11.08.21.

As with our first boreholes, these are expected to last for many years. Our Ghana team looked carefully at drilling companies before making a decision. There were cheaper options, but we wanted to have long-lasting, repairable and durable machinery. The company are responsible for repairs in the first year. After that the District Assembly will take responsibility. We have many letters from all sectors of the beneficiary communities, outlining their determination to ensure the bores are maintained. Our team will regularly check, and local governments are aware that they must meet our expectations or lose our support. Since we are the key player in their education provision, we are in a strong position. Our high reputation has been built over many years and they are anxious to maintain our support.

Construction

The only major problem in this project was caused by the onset of the rainy season. In other ways it was easier than our previous borehole work. All materials were readily available and were supplied promptly.

We had to make some changes of site due to unforeseeable obstacles. These included very low water levels and high salinity. However, in some of the villages we were told that earlier attempts by others to drill had failed completely and they were thrilled that we were successful. The drilling engineers were surprised at the extreme poverty they witnessed. Even in Ghana, few are aware of the level of deprivation and neglect in some of our villages.

The communities were always willing to provide food and accommodation and help the workers in any way they could.

Six of the bores are in a region called 'Overseas'—so named as it, paradoxically, is cut off for many months each year by flooding. When UK team visited, they found it quite frightening and it was easy to see why little other AID reaches these villages.

Flooding does mean that it is even more difficult to find un-contaminated water so boreholes are real life-savers. At the time of writing this report, the rainy season has set in.



Waiting to **collect clean water** at last from one of our latest Boreholes.



Impact.

It is difficult to explain the enormous impact this project is making. The villages benefitting share the major disadvantages of so many in this region. They are challenging to access and out of reach of larger centres of population. There is major long-term poverty. It is easy for them to be ignored by government and the larger charities as they are forgotten and invisible. But we are privileged to work with them as they strive for better lives for their children. Our education projects are helping considerably. The Chief's letter below explains the importance of this work

Project Beneficiaries.

Immediately: Approximately 200,000 people will be protected from any water-associated covid risk. This includes villages that are not captured in our application and yet will draw water from the sites where these boreholes exist. These considerably outnumber the villagers who live in places that the bores are actually sited in.

Long-term, numbers will be substantial. Increased community health will lead to decreased poverty and increased confidence and stability. Local economies will improve.

Communities will all benefit considerably from the positive impact on girls. Girls are the normal water-carriers and can spend many hours doing this each day. This is not only exhausting but also has a major negative impact on education. The easily available clean water makes a major contribution to ensuring girls have equal opportunities to those of boys. They no longer have to walk for miles in order to find the clean water that they know is essential in this worrying covid time. Educated girls have greater autonomy, are likely to marry later, have fewer children and to send all their children to school.

2 ND 10 BOREHOLES(EAGLE)		
COMMUNITY	REPLACED BY	POPULATION
GORKUGANI		5,231
OJOJA	TUVUUGU	2,385
WARIBOGU		2,691
NATINDO	TAYANDO	1,765
BAGMANI	KANSHEGU	4,216
DUNYIN		2,436
DALIN		2,166
JERIGU		1,928
PARISHIE		897
GUMANI	FUO	5,017
Total		28,732

Here Ojoja, Natindo, Bamani and Gumani were unfortunately unsuitable for this work due to lack of water/depth/salinity.

3 RD 10 BOREHOLES(EAGLE)		
COMMUNITY	POPULATION	REMARKS
LAHAGU	2,760	Fortunately, no substitution destinations needed here. Total population of all 20 bore holes 65,461.
KPATARIGU	4,520	
LUKULA	6,827	
LITCHA	8,116	
GUMO	6,930	
KUKWALIM	3,561	
KUTULE	892	
KOCHIM	1,215	
KUBUGU	690	
MEPEASEM	1,218	
TOTAL	36,729	

Expenditure summary.

Total expenditure = £73,580. Exchange rate overall £1 = 7.9 Ghana Cedis (28.04 21), slightly lower than the 8.0 used in estimate. Inflation in Ghana is an on-going problem. Costs of all materials have been continually monitored and our suppliers know that we have a very tight budget.

We have provided 20 mechanised boreholes with this grant. Mechanisation ensures that potential disease spread is greatly lowered.

We selected the pumps very carefully and chose a model that was more expensive than some others but was of better quality, longer lasting and more easily serviced.

The electricity supply for the pumps will be paid for by local governments.

BUDGET COST FOR 1 BOREHOLE				
ITEM	QUANTITY	UNIT PRICE	PRICE (GHS)	PRICE(GB£)
DRILLING AND INSTALATIONS	1	9,600	9,600	1,200
2.5HP SUBMERSIBLE PUMP	1	6,800	6,800	850
10,000LITRE POLYTANK	1	6,300	6,300	788
TANK PLATFORM AND INSTALLATION ACCESSORIES	1	3,020	3,020	378
Workmanship for plumber	1	2,000	2,000	250
Workmanship for masons	1	1,200	1,200	150
Chemical and bacteriological analysis	1	500	500	63
TOTAL			29,420	3,679

Result and Conclusion.

Alongside so many relieved beneficiaries, we are totally delighted at what has been achieved by this further intervention by Fondation Eagle. As others have seen the effect of our work, we have received a great number of appeals from other communities. We have to accept that, for the size of our charity, our impact has been formidable. All through this work we found it difficult to really appreciate the completely life-changing effect of this invaluable work—and that the cost per head benefitting is so very small. Our team are constantly overwhelmed by the depth of gratitude and have to keep telling the people that it is Eagle that made it happen, not them!

Local Governments, Chiefs and 'Wulugu Project' will continue to monitor the boreholes.



Water From Duniya bore hole on way back to his family in the Village.
The Ghana team have been overwhelmed by the deep gratitude of the communities. They have daily messages thanking them.

Please see letters from Litcha and Fuo Chiefs (below). Communication is still very difficult in these extremely neglected communities.

Signature and date: Lynne Symonds 12.08.2021

Lynne Symonds. 11.08.2021

Litcha Chief's Palace
Mamprugu Moaduri District
2nd August 2021

Dear Sir

I am grateful to Wulugu Project and its' partners for your kind thoughtfulness in drilling a mechanized Borehole in our Community.

The terrain and season did not deter your workers from drilling. After four days of battling with the loose ground due to rainfall and the trucks sinking, eventually we overcame and they drilled successfully.

The joy on the faces of the people, women and children cannot be explained.

I am also proud to say that I am now the Chief of Litcha, enskinned in March to move the progress of the village to an appreciable level.

Mr. Karimu gave me the opportunity to be educated by sending me to school and today we can boast of clean drinking water due to his vision in partnering to set up Wulugu Project. You are breaking grounds beyond our imagination.

Most NGOs shy away from this community due to its remoteness and difficulty as it is far from everywhere and cost of working in these communities seem higher than other areas, but you defy all that and still turn our way. We are most grateful and would kindly request a six unit school block to facilitate effective teaching and learning in Litcha and its 12 surrounding communities.

This Borehole will benefit over 16,000 people in the Litcha area

Yours sincerely

Litchrana Mohammed Ibrahim

FUO COMMUNITY
SAGNARIGU MUNICIPAL
FUO.

NS-414-1926

25TH JUNE, 2021.

THE COUNTRY DIRECTOR
WULUGU PROJECT GHANA
TAMALE.

Dear Sir,

LETTER OF APPRECIATION

Fuo Community has been one of the indigenous communities within the Sagnarigu Municipal, deprived with basic social necessities like good drinking water. Over the years, the community depended heavily on dam water where both cattle and human drink from. Women will always be crying, considering the miles they will trek in search of water during the dry seasons when the dam eventually dries up.

Today in history, the chiefs and people of the Fuo community cannot hide our excitement for the relief Wulugu Project has brought to us by providing us a Mechanized Borehole in the community to serve as a source of portable drinking water.

We the chiefs and people of Fuo community wants to thank the Wulugu project for your benevolence and we pray that, may the almighty God bless your institution, your donors and all who have contributed immensely towards the success of the construction of our Mechanized Borehole.

We promise to take good care of it, and make sure it serves the purpose for which it has been constructed efficiently. We are appealing for more of such and any other project such as school blocks, farm aids, skill training for the youth and other support programmes for our women in the community.

TIPAG YA.

Yours Faithfully,



TIA ZIBLIM

FUO NAA