



November 2011 Newsletter

For nearly 2 years we have been trying to provide **Kabuyu and Buiketo Schools** with clean drinking water. Last month, it was achieved! No NGO had successfully drilled there since the 1970s due to the difficult geology of the area. Over 2000 people were existing on very little water. The old hand pumps were constantly breaking down, heavy to use and the yields were very low.

We engaged hydrogeologist Jim Anscombe for a water exploration survey (April 2011) and project supervision. He pioneered new drilling techniques, allowing greater depths than ever before. His skill and determination were such that, despite many setbacks, the results for both boreholes are stunning!



Buiketo Borehole



Expected Impact

Improvement in: health, nutrition (school garden can now be watered), sanitation (hand washing etc), health (better diets), school attendance (better crops will allow school lunch to be provided).

In the long term: improved community education, employment and economy.

Kabuyu borehole: Drilled to 109m; yield approx 10 litre/sec. This is fantastic, and could take an electric pump in future.

Buiketo borehole: Drilled to 81m, flooded the path to the village! Yield approx 8 litre/sec and much better than expected. (Minimum yield required for a hand pump is 1.5 litre/sec)

Both communities appointed a ten-member Borehole Committee (6 women, 4 men as recommended) who received training in Operation and Maintenance. Tool kits and spares have been provided.



Kabuyu Borehole



Operation & Maintenance Training



Thank you so much for your support, enabling us to achieve these results.

We couldn't do it without you, and your support **REALLY DOES MAKE A DIFFERENCE!** As a small charity we have very direct contact with the people we work with, minimum administration costs (all met by Trustees), and we can account for every £1 donated. Your support is changing lives, giving hope and encouragement to communities such as these.

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Current Projects:

- **Classrooms at Buiketo & Simonga schools** – we continue to provide building and classroom materials to improve the learning environment
- **Education Sponsorship** – we now sponsor several young people at school and college.

Teacher Training at David Livingstone College
Sepiso Mutabe (2nd yr)
Paul Sianga (1st yr)



Electrical Technician at Ndola Technical College:
Kamalanga

Purchasing & Supply Course (British Council)
at Livingstone Institute of Engineering & Business
Studies - Nancy Mwelwa



Blessed Kasota (14) at Hillcrest High School, Livingstone (a secondary school for high achievers)

Bath Uni Students Doug, Kate, Alex, Stephan,
Tam & Charlotte sold Bacon Baps outside the
library in aid of Zest & raised over £600 in
one day!



*Congratulations!
Oscar Sitali*

*who completed his
Secondary School
Teachers Diploma
this year*



Blessed Kasota

Future Projects:

- **Toilets & Teachers house at Simatobolo** – the community are making bricks for both of these projects. Only when a basic teacher's house is provided can the school have a trained Head Teacher. The school is too far into the bush for a teacher to commute from town. All other teachers at Simatobolo are non-trained volunteers from the village community.



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Thank you so much for your support.

Donations may be made by direct bank transfer to our UK charity account, or by Paypal on our website.

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