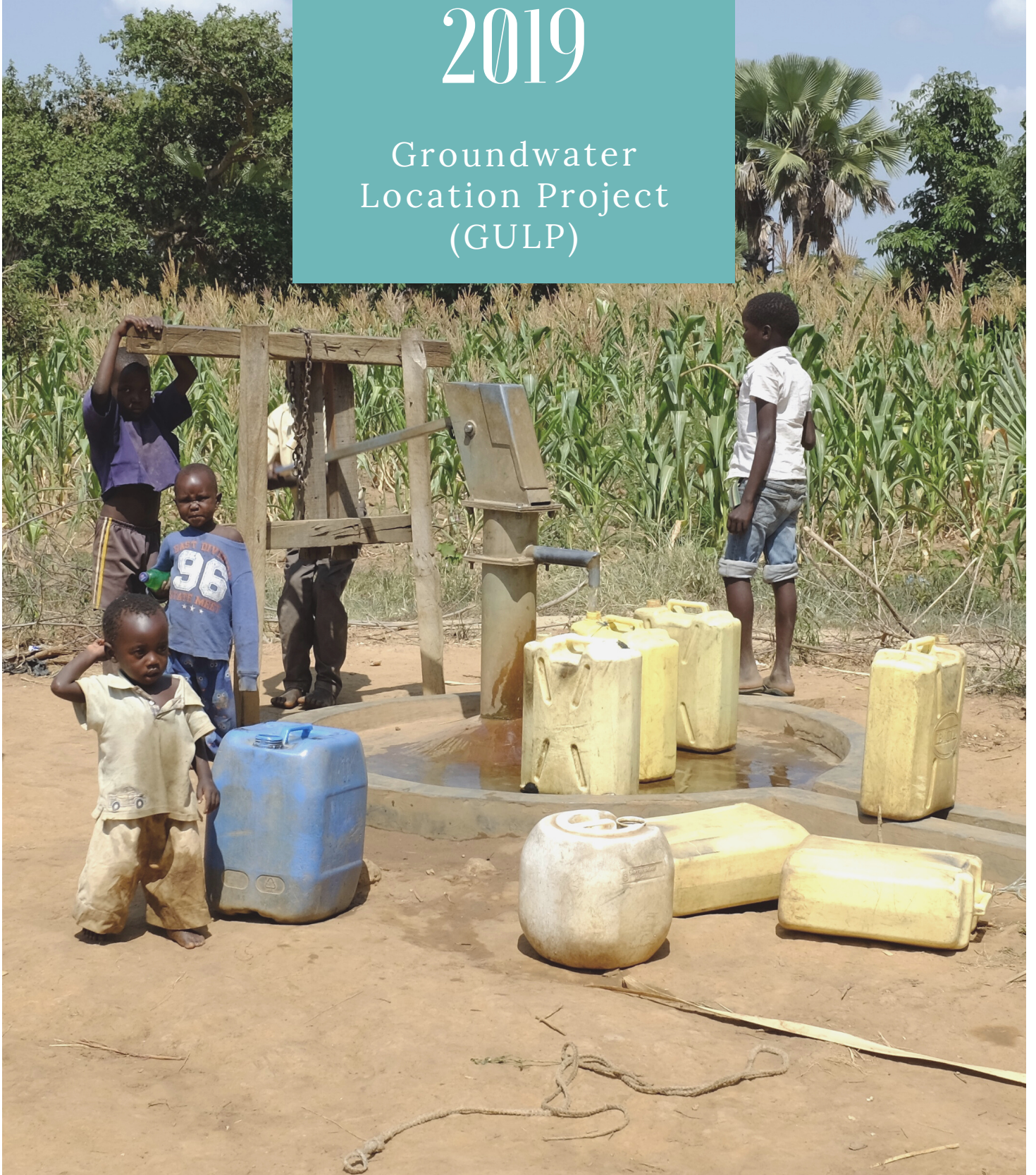


ANNUAL REPORT 2019

Groundwater
Location Project
(GULP)



ABOUT GULP

MISSION

We use science and technology to find clean groundwater for poor communities, and we create groundwater maps for saving and improving lives on a regional scale.

Very few charities use modern technology to determine where to drill water wells. Consequently, they often waste a lot of time and money drilling dry holes or constructing wells that yield only a little water, because they don't know where the water is.

GULP's unique groundwater exploration services provide essential groundwater location information that would otherwise be unavailable. With this information, stakeholders can act to save lives and transform economies through the improved health, access to education, and agricultural production that accompany water development.

Our groundwater maps help district governments develop and manage their regional water resources. Our database of optimum drilling site locations shows community leaders, charities, water sector businesses, and government agencies precisely where to drill with a high probability of success, thereby decreasing the percentage of failed borings, decreasing costs, and increasing access to safe water.

The increased access to water empowers women and children, because it relieves them of the burden of traveling long distances, waiting in long lines, and carrying painfully heavy loads of water, thereby freeing them to attend school and otherwise improve the quality of their lives.

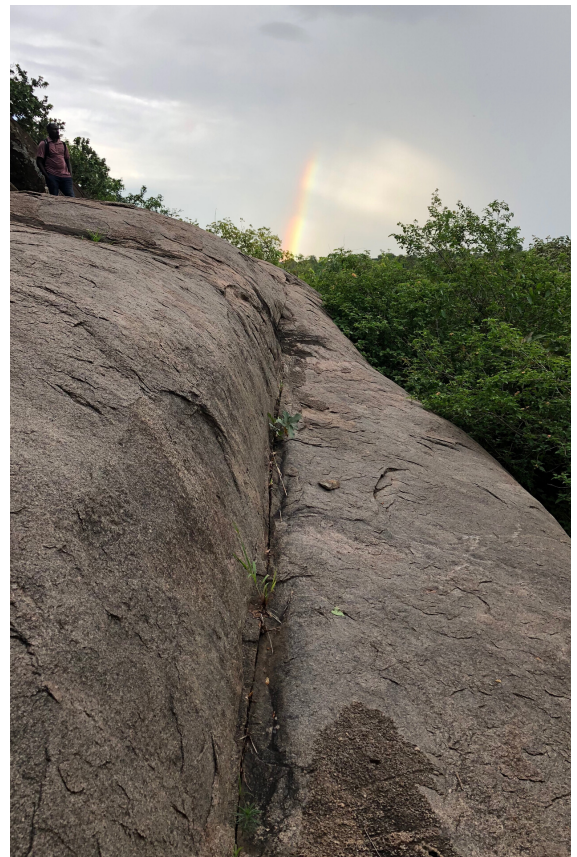


HIGHLIGHTS FROM 2019

At present, we are working in the Teso sub-region of northeastern Uganda. Uganda is one of ten countries with the worst drinking water in the world (U.S. News, 2017). In the Teso sub-region, a large percentage of the population - up to 92% in Amuria District - lacks access to safe water for drinking and washing (Uganda Water Supply Atlas, 2017), and waterborne diseases are the main cause of infant mortality.

During the calendar year 2019 we:

- met on many occasions with federal, district, and sub-county political and security officials and received all of the necessary permissions to carry out our work in accordance with the laws and customs of Uganda;
- obtained all of the geologic maps, topographic maps, and aerial photographs from the Uganda government that are needed to complete the groundwater location maps for the districts of Amuria, Serere, and Soroti;
- visited with Ugandan drilling companies to discuss the possibility of collaboration;
- traveled 1500 miles to 20 remote villages, met with the elders, and measured the orientations of hundreds of bedrock fractures in the farthest regions of the 3 districts;
- conducted a borehole location survey to find all of the existing wells in the three districts, enabling us to determine where the distances between existing water sources are greatest;
- identified western Amuria and central Serere as the areas where the need for water wells and GULP's services are greatest;
- analyzed fracture measurement data; and
- labored on bedrock groundwater maps for the three districts, which have a total land area of 1830 square miles.



FINANCIAL OVERVIEW

GULP tracks every dollar donated to its mission, and we are diligent about using our resources as efficiently and effectively as possible.

EXPENSES

Administrative	\$1,270.85
Fundraising	\$825.52
Program	<u>\$42,343.16</u>
TOTAL	\$44,439.53

ASSETS

Ending Net Assets: \$36,902.71

DONATIONS

Total Donations Received: \$40,112.00

