The application of appropriate well drilling technology in Sierra Leone

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Objectives

1. Update existing rig
2. Introduce second rig
3. Assist partner in setting up water enterprise
4. Investigate tools/techniques for improved drilling
5. Design, manufacture, install rope-washer pumps
Challenges

1. Improvement of drilling tools.
2. Development of a technique for drilling below the water table without problems.
3. Development of techniques to mitigate the risk of the tool becoming stuck.
4. Arranging of transport for the heavier ARI rig.
5. Monitoring of performance of rope pumps, and further development as needed.