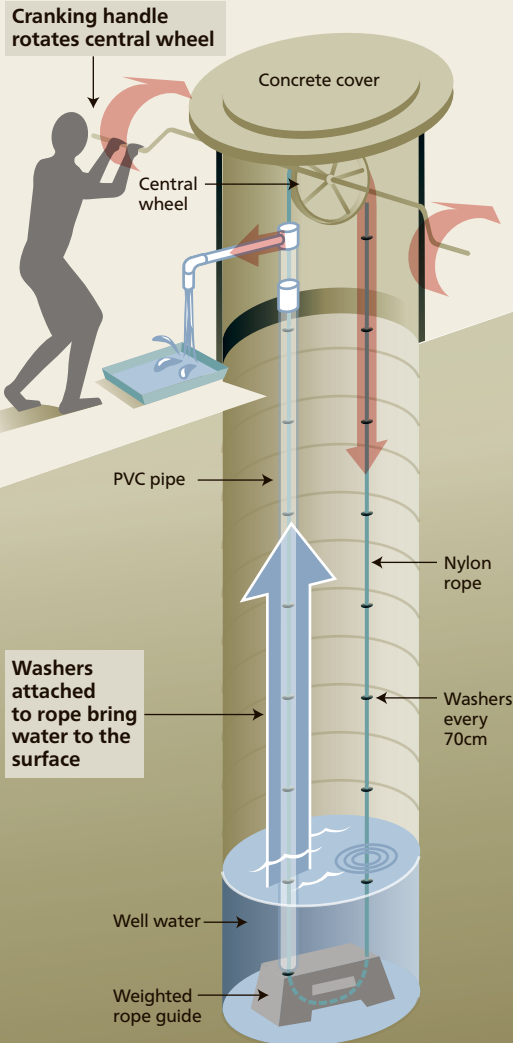


# How the Elephant Pump works...



## ...and how to build one

**1** Well is dug by local community and lined with bricks to prevent it collapsing but allowing water to filter in. Cement ring at the top keeps burrowing animals out

**2** Axle is supported above the centre of the well by two treated timber poles

**3** Nylon rope, with washers every 70cm, is threaded through cement guide and PVC pipe

**4** Concrete housing is assembled to make sure that the water source is protected from contamination

**5** Rope guide, PVC pipe and nylon rope are lowered into the well

**6** Two ends of the nylon rope are tied together before being looped over the central wheel on the axle

**7** Concrete slab with removable lid covers the top of the pump