

Construction of a bore-dugwell in June 2011

First step is to do boring that takes about 3-4 hours



For drilling a bore for the 10 inches diameter PVC pipe initially 18 inches triangular bit is used.

To enable easy insert of the PVC pipe this piece with a hole in the middle is attached in the lower end



Two distinct colors of sediments: brown clay and light grey sand



Ready to insert the 10 foot PVC pipe with reducers on either end.



After insertion the hole is plugged by dropping the plug into the pipe.

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This reducer is fixed on either end of the 10foot pipe.



Insertion of the 10 foot x 10 inches PVC pipe



The size of hole around the PVC pipe



Medium coarse sand is being poured into the hole enveloping the PVC pipe

These pictures were taken during the visit of the director of Project Well on 10th June 2011 to see one of the constructions at Swarupnagar, North 24 Parganas.