

Implementation of various rural water supply project including O&M for 10 Year for Amana village, Block-Khajuha, District-Fatehpur of the State of Pradesh Under Jal Jeevan Mission Phase-III

Actual Lowering Chart at Vill. Amana 150*200

Discharge = 550 LPM

Gram Panchayat : Amana
Block : Khajuha
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(JV)
2	Size of Borewell	150*200
3	Date of Logging	28.01.2024
4	Date of Lowering	18.02.2024

Abstract of Pipe

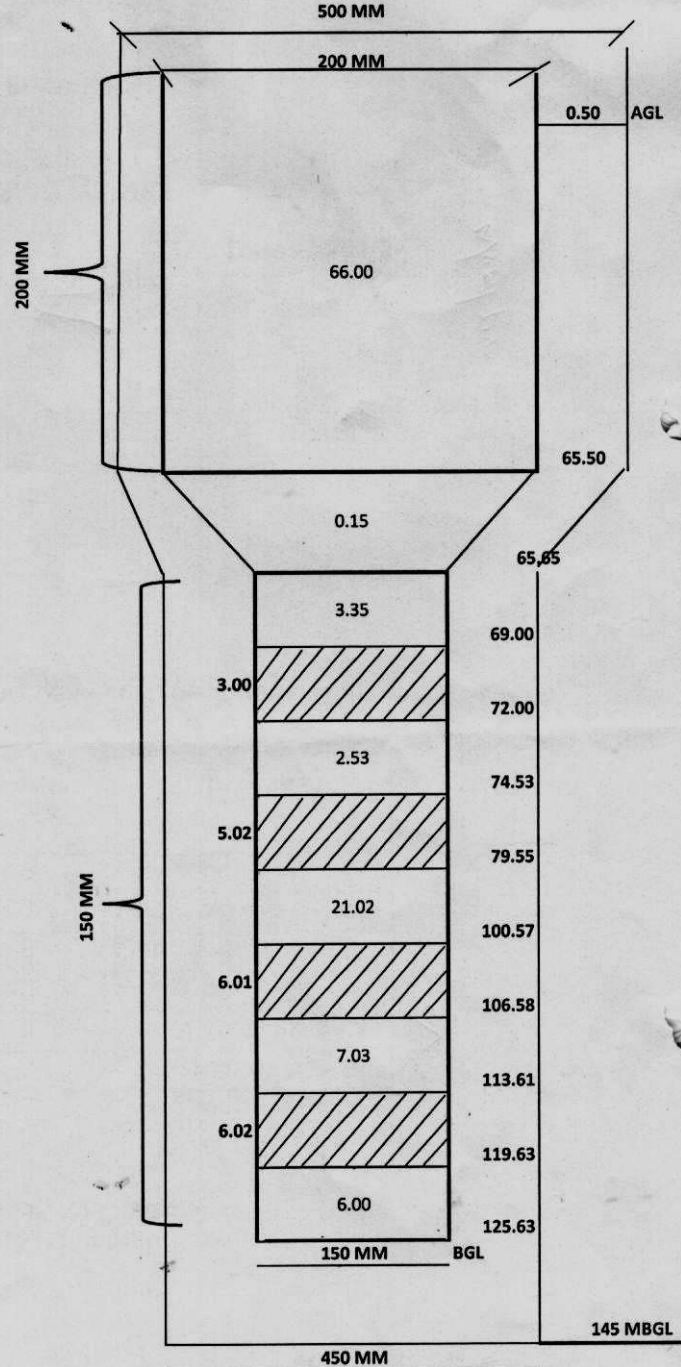
Sr. No.	Description	UOM	Item	Qty
1	200 MM	MTR	PLAIN PIPE	66.00
2	150x200 MM	MTR	Reducer	0.15
3	150 MM	MTR	PLAIN PIPE	39.93
4	150 MM	MTR	SLOTTED PIPE	20.05
Total Length				126.13

Logging Report

Sr. No.	Description	Thickess(M)	Quality of G.W
1	40-45	5	Fine Sand
2	50-57	7	Fine to Very Fine Sand
3	59-67	8	Fine Sand
4	69-72	3	Fine Sand
5	74-80	6	Fine to Very Fine Sand
6	100-107	7	Fine Sand
7	113-120	4	Fine Sand

Remarks :-

- Note :- 1 :- Water quality is fresh in all the above zones.
- 2 :- Good clays in depth ranges 34-37,47-50 & 121-124 mbgl.
- 3 :- Preferred housing down to 50m & Bail plug in 121-124 mbgl.



M. Singh
PMPL - BRCCPL (JV)

Atul Kumar
TPIA (ME) Engineer

Aditya
Junior Engineer

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Geophysical Well Logging Report

Ref No -AK/LOG/162

Date -30/01/24

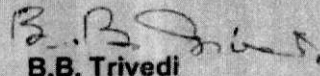
Site Location : - **AMAINA**
Block & District : Khajua, Fatehpur
Logged Depth : -132 MBGL
Date of Logging : - 28.01.2024
Types of Log : - S.P& N16, N-64
LATLogger used : - IGIS
Name of Agency : POWERMECH
Rm - 26.96 Ω m Rw - 23.80 Ω m

The following permeable granular zones have been deciphered with the help of Electrical Logger

Sr NO	Depth Range From M.B.G.L.	Depth Range M.B.G.L.	Thickness Mtr.	Type of Strata
01	40	45	5	Fine Sand
02	50	57	7	Fine to Very Fine Sand
03	59	67	8	Fine Sand
04	69	72	3	Fine Sand
05	74	80	6	Fine to Very Fine Sand
06	100	107	7	Fine Sand
07	113	120	7	Fine Sand

Remarks :-

- I. Water quality is fresh in all the above zones
- II. Good clays in depth intervals 34-37 , 47-50 & 121-124 mbgl
- III. Preferred housing down to 50 m & Bail plug in 121-124 mbg


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