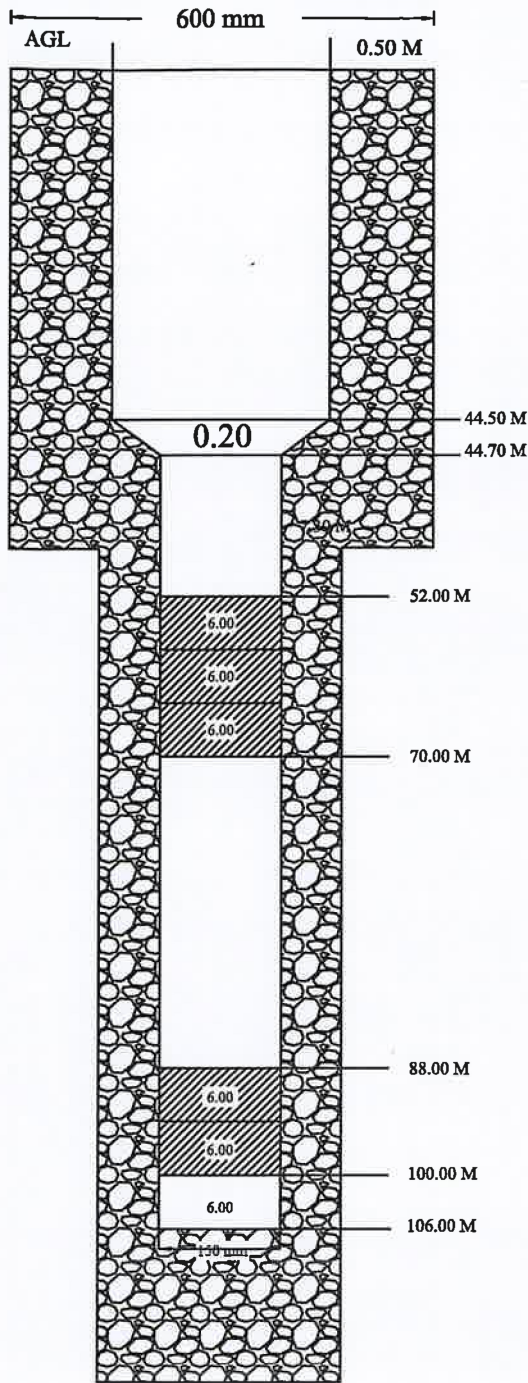


**PROPOSED T.W. ASSEMBLY CHART OF SIKANDARPUR SULTANPUR W/S SCHEME  
BLOCK - HAKAKH, DIST. - BARABANKI**



Discharge - 1070 LPM  
 Assembly Size - 300 X 150 mm Ø  
 Bore - 600 X 450 mm Ø  
 Logging Date : (05-11-2023)  
 Lowering Date : (06-11-2023)

Sl. No.	Depth range (mbgl)	Thickness (meter)	Probable Lithology
1	20.0—24.0	4.0	Sand
2	24.0—36.0	12.0	Sandy clay
3	36.0—44.0	8.0	Sand
4	44.0—52.0	8.0	Clayey sand
5	52.0—70.0	18.0	Sand
6	70.0—88.0	18.0	Clay with kankar
7	88.0—100.0	12.0	Sand
8	100.0—120.0	20.0	Clay with kankar
9	120.0—128.0	8.0	Sand with kankar
10	128.0—165.0	37.0	Clayey sand with kankar

1. 300 mm Ø Plain Pipe	45.00 m
2. 150 mm Ø Plain Pipe	31.30 m
3. 150 mm Ø Slotted Pipe	30.00 m
4. Reducer	0.20 m
5. Total Lowering	106.50 m
6. A.G.L.	0.50 m
7. B.G.L.	106.00 m

PNC-SPML JV  
 PNC Tower 3/22 - D  
 CIVIL LINE  
 Agra

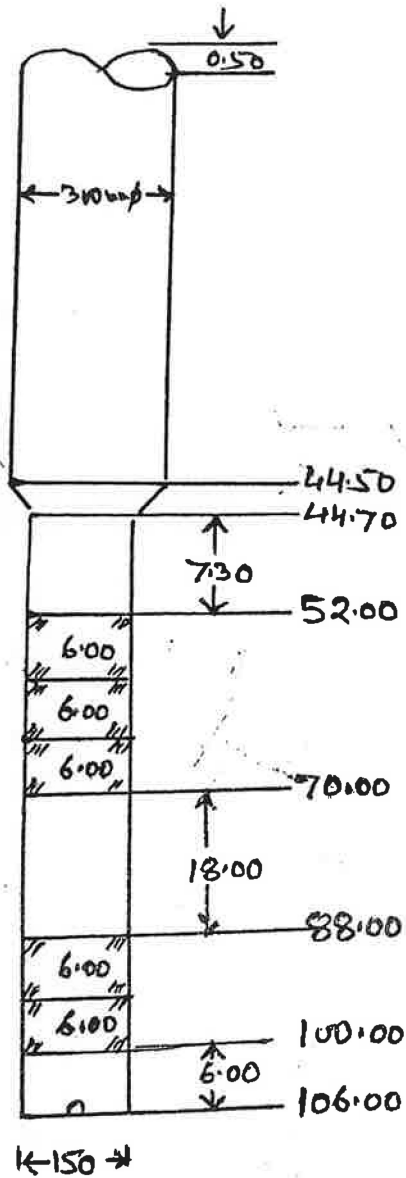


*[Signature]*  
 JUNIOR ENGINEER

*[Signature]*  
 ASSISTANT ENGINEER

*[Signature]*  
 EXECUTIVE ENGINEER

Proposed DW Assembly chart of Sikandarpur Sultanpur w/s scheme block Harai Kh  
Distt-Bazarnah



- 1- Discharge 1070 LPM
- 2- motor HP - 25 HP
- 3- Assembly size 300x150
- 4- Base  $\phi = 600 \times 450 \text{mm}$
- 5- Logging Report # 5-11-23

- 1- 20 - 24 = 4 good
- 3- 36 - 44 = 8 good
- 5- 52 - 70 = 18 good
- 7- 88 - 100 = 12 good
- 9- 120 - 128 = 8 saline



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 1105 - S / AX - 2023

Date 05.11.2023

## Geophysical Borehole Logging Report

Name of the site : Sikandarpur Sultanpur, Block- Harakh

District : Barabanki

Date : 05.11.2023

Depth logged : 165.0 mbgl

Depth drilled : 165.0 mbgl

Logger use : Robertson make

Presence : Rep. of M/S PNC Infratech, Barabanki

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl. No.	Depth range (mbgl)	Thickness (meter)	Probable Lithology	Remarks
1	20.0—24.0	4.0	Sand	Good
2	24.0—36.0	12.0	Sandy clay	-
3	36.0—44.0	8.0	Sand	Good
4	44.0—52.0	8.0	Clayey sand	-
5	52.0—70.0	18.0	Sand	Good
6	70.0—88.0	18.0	Clay with kankar	-
7	88.0—100.0	12.0	Sand	Good
8	100.0—120.0	20.0	Clay with kankar	-
9	120.0—128.0	8.0	Sand with kankar	Saline
10	128.0—165.0	37.0	Clayey sand with kankar	-

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