

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Block Name:- **BHANWAPUR**

Scheme Name:- **AHIRAULI PADRI**

Name of Activity:- **LOWERING OF TUBEWELL**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5M AGL	200 mm Dia housing pipe to 35.57 M
			6.02	200 x150mm reducer from 35.57 M to 35.77 M
			5.97	150mm dia plain pipe from 35.77 M to 95.9 M
			6.02	150mm dia slotted pipe from 95.9 M to 101.91 M
			6.01	150mm dia plain pipe from 101.91 M to 114.44 M
			6.03	150mm dia slotted pipe from 114.44 M to 120.45 M
			6.02	150mm dia plain pipe from 120.45 M to 126.45 M
28.12		CLAY	0.2	150mm dia slotted pipe from M to M
32.06		FINE TO MEDIUM CLAY	35.77	150mm dia plain pipe from M to M
45.33		MEDIUM SAND	6.01	150mm dia slotted pipe from M to M
50.21		CLAY	6.01	150mm dia plain pipe from M to M
55.06		MEDIUM SAND	6.00	150mm dia slotted pipe from M to M
63.12		CLAY	6.62	150mm dia plain pipe from M to M
68.16		FINE TO MEDIUM CLAY	6.01	
72.12		CLAY	6.00	
76.10		MEDIUM SAND	6.62	
80.22		CLAY	6.03	
82.13		MEDIUM SAND	6.62	
			6.01	
			95.9	
			101.91	
107.18		CLAY	6.63	
114.31		MEDIUM SAND	3.00	
121.31		CLAY	3.50	
126.18		FINE TO MEDIUM	114.44	
133.21		CLAY	120.45	
145.18		FINE SAND	126.45	
149.21		CLAY	126.95M	
165 M				
				<b>ASSEMBLY DETAILS</b>
				Total Assembly- 126.45 M+AGL 0.5= 126.95 M
				<b>ABSTRACT</b>
				Date of Lowering-
				LPM-
				Drilling Depth- 165 M
				Assembly Lowered- 126.95 M
				Housing Pipe- 36.07 M
				Plain Pipe- 78.66 M
				Slotted Pipe- 12.62 M
				Reducer- 0.20 M
				<b>LOGGING REPORT</b>
				Date of Logging-
				Logging Depth- 160 m
				28-32 = 4 m
				45-50 = 5 m
				55-63 = 8 m
				68-72 = 4 m
				76-80 = 4 m
				82-107 = 25 m
				114-121 = 7 m
				125-133 = 8 m
				145-149 = 4 m



*[Signature]*  
TPI

*[Signature]*  
J.E.

सहायक अभियन्ता  
खण्ड कार्यालय (वि०/या०)  
उ० प्र० जल विभाग (ग्रामाण)  
गोरखपुर





# Aqua Xplore

(Groundwater Assessment & Allied Services)  
243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001  
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 130 - A / AX - 2023

Date 30.01.2023

## Geophysical Borehole Logging Report

Name of the site : Ahirauli Padri, Block - Bhanwapur

District : Siddharth Nagar

Date : 30.01.2023

Depth logged : ~~160.0~~ mbgl

Depth drilled : 170.0 mbgl - as reported

Logger use : ~~UPTRON~~ make

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

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(m)	Remarks
<del>1</del>	28.0--32.0	4.0	Good all
<del>2</del>	45.0--50.0	5.0	
<del>3</del>	55.0--63.0	8.0	
<del>4</del>	68.0--72.0	4.0	
<del>5</del>	76.0--80.0	4.0	
<del>6</del>	82.0--107.0	25.0 ✓ c	
<del>7</del>	114.0--121.0	7.0 ✓ 6	
<del>8</del>	125.0--133.0	8.0	
<del>9</del>	145.0--153.0	8.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 3, 6 & 9 are highly kankar intermixed.

Verified as per logs provided.  
Note - Sr No 5 - Finer sediments

for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Sr No 9 - 145-149 (4m)

G. Sh  
31/01/23