



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001
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Advisor – Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 729 - B / AX - 2022 Date 29.07.2022

Geophysical Borehole Logging Report

Name of the site : Budau, Block – Bhanwapur

District : Siddharth Nagar

Date : 29.07.2022

Depth logged : ~~163.0~~ mbgl

Depth drilled : 167.0 mbgl

Logger used : Robertson make

Presence : Er.A.K.Maurya, J.E., 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
1	14.0—34.0	20.0	Good all
2	40.0—44.0	4.0	
3	46.0—50.0	4.0	
④	56.0—60.0	4.0	
5	74.0—84.0	10.0	
6	90.0—106.0	16.0	
7	110.0—114.0	4.0	
8	120.0—125.0	5.0	
9	132.0—151.0	19.0	
10	153.0—158.0	5.0	

Note. All zones are intermixed with fine bands of kankar.

Paul

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

*Verified as per
logs provided.*

G. Sh

29/07/2022
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (EM)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal
Jai Jeevan Mission

Cover Agreement No. :-

Name of District:-

Scheme Name:- Bushaon

Name of Activity :-

Block Name:- Bhanwapur

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				300 mm Dia housing pipe to 41.30M
				300x150mm reducer from 41.30 M to 41.50 M
14.0		CLAY	6.00	150mm dia plain pipe from 41.50 M to 75.07 M
		Medium Sand	6.00	150mm dia slotted pipe from 75.07 M to 81.08 M
34.0			5.90	150mm dia plain pipe from 81.08 M to 93.10 M
40.0		CLAY	6.00	150mm dia slotted pipe from 93.10 M to 105.12 M
44.0		M.S.	6.00	150mm dia plain pipe from 105.12 M to 135.20 M
46.0		CLAY	6.01	150mm dia slotted pipe from 135.20 M to 141.21 M
50.0		M.S.	6.01	150mm dia plain pipe from 141.21 M to 147.22 M
56.0		CLAY	6.02	
60.0		M.S.	3.50	
74.0		CLAY	6.02	Total Assembly- 147.22 M+AGL 0.5= 147.52M
84.0		M.S.	11.11	
90.0		CLAY	6.01	ABSTRACT
		M.S.	6.01	Date of Lowering-
106.0		CLAY	6.01	LPM- 650 LPM
110.0		M.S.	6.01	Drilling Depth- 167 M
114.0		CLAY	6.01	Assembly Lowered- 147.52M
120.0		M.S.	6.02	Housing Pipe- 42.30 M
125.0		CLAY	6.02	Plain Pipe- 81.68 M
132.0		M.S.	6.01	Slotted Pipe- 24.04 M
151.0		M.S.	11.11	Reducer- 0.2 M
153.0		CLAY	6.01	LOGGING REPORT
158.0		M.S.	141.21	Date of Logging-
163.0		CLAY	6.01	Logging Depth- 163
165.0		M.S.	147.22	14.0 - 34.0 = 20
		Sandy CLAY		40.0 - 44.0 = 4.0
				46.0 - 50.0 = 4.0
				56.0 - 60.0 = 4.0
				74.0 - 84.0 = 10.0
				90.0 - 106.0 = 16.0
				110.0 - 114.0 = 4.0
				120.0 - 125.0 = 5.0
				132.0 - 151.0 = 19.0
				153.0 - 158.0 = 5.0



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J.E.

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A.E.

E.E.