



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- aquaxplorelko@gmail.com

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

Ref. 309 - S / AX - 2022

Date 09.03.2022

Geophysical Borehole Logging Report

Name of the site : Semari, Block – Itwa

District : Siddharth Nagar

Date : 09.03.2022

Depth logged : 152.0 mbgl

Depth drilled : 165.0 mbgl – as reported

Logged by : Aqua Xplore

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
1	31.0—36.0	5.0	Good all
2	42.0—46.0	4.0	
3	50.0—60.0	10.0	
4	86.0—90.0	4.0	
5	93.0—108.0	15.0	
6	120.0—130.0	10.0	

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

Done

for Aqua Xplore

Verified as per logs provided.

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

ASSISTANT HYDROGEOLOGIST
/ YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Depth B.G.L.	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.50M
				200 x150mm reducer from 35.50 M to 35.70 M
				150mm dia plain pipe from 35.70 M to 98.72 M
				150mm dia slotted pipe from 98.72 M to 104.77M
				150mm dia plain pipe from 104.77 M to 122.77M
				150mm dia slotted pipe from 122.77 M to 128.82M
				150mm dia plain pipe from 128.82 M to 134.82M
				total assembly- 134.82 M+AGL 0.5= 135.32M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- 165 M
				Assembly Lowered- 135.32M
				Housing Pipe- 36 M
				Plain Pipe- 87.02M
				Slotted Pipe- 12.1 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 9-3-22
				Logging Depth- 152M
				31-36 = 4
				42-46 = 4
				50-60 = 10
				86-90 = 4
				93-108 = 15
				120-130 = 10



M. K. Mehta
TPI

Ah
J.E.

Y
A.E.

S. K. Singh
E.E.