



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. 323 - G / AX - 2022

Date 23.03.2022

Geophysical Borehole Logging Report

Name of the site : Gaura, Block – Itwa

District : Siddharth Nagar

Date : 23.03.2022

Depth logged : 160.0 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	27.0---35.0	8.0	Good all
2	40.0---50.0	10.0	
3	65.0---73.0	8.0	
4	80.0---104.0	24.0	
5	116.0---124.0	8.0	
6	135.0---141.0	6.0	
7	148.0---155.0	7.0	

Note.

Verified as per
logs provided.

ASSISTANT HYDROGEOLOGIST
2 ANTRIK BANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

for Aqua Xplore



Depth B.G.L.	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.90 M
				200 x150mm reducer from 35.90 M to 36.10 M
				150mm dia plain pipe from 36.10 M to 90.52 M
				150mm dia slotted pipe from 90.52 M to 96.62 M
				150mm dia plain pipe from 96.62 M to 117.23M
				150mm dia slotted pipe from 117.23 M to 123.33 M
				150mm dia plain pipe from 123.33 M to 129.35M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				total assembly- 129.35 M+AGL 0.5=129.85 M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- 165 M
				Assembly Lowered- 129.85M
				Housing Pipe- 36.40M
				Plain Pipe- 81.05M
				Slotted Pipe- 12.2 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 23-3-22
				Logging Depth- 160M
				27-35 = 8
				40-50 = 10
				65-73 = 8
				80-104 = 24
				116-124 = 8
				135-141 = 6
				148-155 = 7



Alwin
TPI 14.2

Ah
J.E.

V
A.E.

m
xv
E.E.