



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. 717 - G / AX - 2022

Date 17.07.2022

Geophysical Borehole Logging Report

Name of the site : Gaura Bazar, Block – Khuniyaon

District : Siddharth Nagar

Date : 17.07.2022

Depth logged : 163.0 mbgl

Depth drilled : 165.0 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	25.0----38.0	13.0	Good all
2	45.0----52.0	7.0	
③	54.0----58.0	4.0	
4	60.0----80.0	20.0	
5	86.0----99.0	13.0	
6	102.0----106.0	4.0	
7	116.0----126.0	10.0	
8	136.0----154.0	18.0	

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

Daul

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per
logs provided.

G. S. Ch
ASSISTANT HYDROGEOLOGIST
JAL NIGAM (RURAL)
PRAYAGRAJ
18/07/2022



Mega Engineering & Infrastructures Limited

MEGA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal Jal Jeevan Mission

Cover Agreement No. :-

Name of District:- Siddharthnagar

Scheme Name:- Chauri Bazar

Name of Activity :-

Block Name:- khuniyaon

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.55 M
				200 x150mm reducer from 35.55 M to 35.75 M
				150mm dia plain pipe from 35.75 M to 69.87 M
				150mm dia slotted pipe from 69.87 M to 75.88 M
				150mm dia plain pipe from 75.88 M to 117.96 M
				150mm dia slotted pipe from 117.96 M to 123.97 M
				150mm dia plain pipe from 123.97 M to 129.99 M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly- 129.99 M+AGL 0.5=130.49M
				ABSTRACT
				Date of Lowering- 06/09/2022
				LPM- 150 LPM
				Drilling Depth- 165 M
				Assembly Lowered- 130.49M
				Housing Pipe- 36.55 M
				Plain Pipe- 82.22 M
				Slotted Pipe- 12.02 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 05.09.2022
				Logging Depth- 163M
				25.0 - 38.0 = 13.0
				45.0 - 52.0 = 7.0
				54.0 - 58.6 = 4.0
				60.0 - 80.0 = 20.0
				86.0 - 99.0 = 13.0
				102.0 - 106.0 = 4.0
				116.0 - 126.0 = 10.0
				136.0 - 154.0 = 18.0



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J.E.

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A.E.

E.E.