



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 501 - P / AX - 2022 Date 01.05.2022

Geophysical Borehole Logging Report

Name of the site : Pokhar Bhitwa, Block – Uska Bazar

District : Siddharth Nagar

Date : 01.05.2022

Depth logged : 176.0 mbgl

Depth drilled : 177.0 mbgl – as reported

Logger use : Robertson 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
1	36.0—40.0	4.0	Good all
2	52.0—56.0	4.0	
3	76.0—86.0	10.0	
4	90.0—104.0	14.0	
5	117.0—124.0	7.0	
6	132.0—136.0	4.0	
7	144.0—157.0	13.0	
8	164.0—168.0	4.0	

Note. Sl. No. 4 is fine sand intermixed with kankar, Sl. No. 8 is very fine sand.

[Signature]

for Aqua Xplore

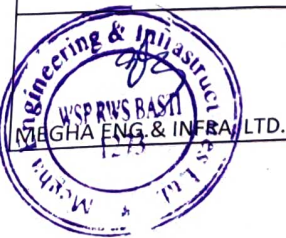
To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

*Verified as per
logs provided.*

[Signature]
ASSISTANT HYDROGEOLOGIST
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Depth B.G.L.	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				300 mm Dia housing pipe to 35.95 M
				300x150mm reducer from 35.95 M to 36.15 M
				150mm dia plain pipe from 36.16 M to 78.63 M
				150mm diaslotted pipe from 78.63 M to 84.70M
				150mm dia plain pipe from 84.70 M to 96.82 M
				150mm dia slotted pipe from 96.82 M to 102.88 M
				150mm dia plain pipe from 102.88 M to 117.50M
				150mm dia slotted pipe from 117.50 M to 123.56 M
				150mm dia plain pipe from 123.56M to 145.33 M
				150mm dia slotted pipe from 145.33 M to 151.39M
				150mm dia plain pipe from 151.39M to 157.46M
				total assembly- 157.46M+AGL 0.5 =157.96 M
				ABSTRACT
				Date of Lowering- 03 MAY 2022
				Drilling Depth-176 M
				Assembly Lowered-157.96 M
				Housing Pipe- 36.45 M
				Plain Pipe-97.06 M
				Slotted Pipe-24.25 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging- 23 MARCH 2022
				36-40=4 M
				52-56=4M
				76-86=10M
				90-104=14M
				117-124=7M
				132-136=4M
				144-157=13M
				164-168=4M



M. Anil
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