



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 426 - S / AX - 2022 Date 26.04.2022

Geophysical Borehole Logging Report

Name of the site : Satwari, Block – Bansi
District : Siddharth Nagar
Date : 26.03.2022
Depth logged : 160.0 mbgl
Depth drilled : 165.0 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.

SI.No.	Depth range (mbgl)	Thickness(m)	Remarks
1	20.0—36.0	16.0	Good all
2	42.0—49.0	7.0	
3	52.0—58.0	6.0	
4	72.0—83.0	11.0	
5	86.0—90.0	4.0	
6	95.0—105.0	10.0	
7	114.0—121.0	7.0	
8	132.0—139.0	7.0	
9	144.0—154.0	10.0	

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

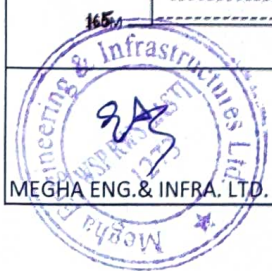
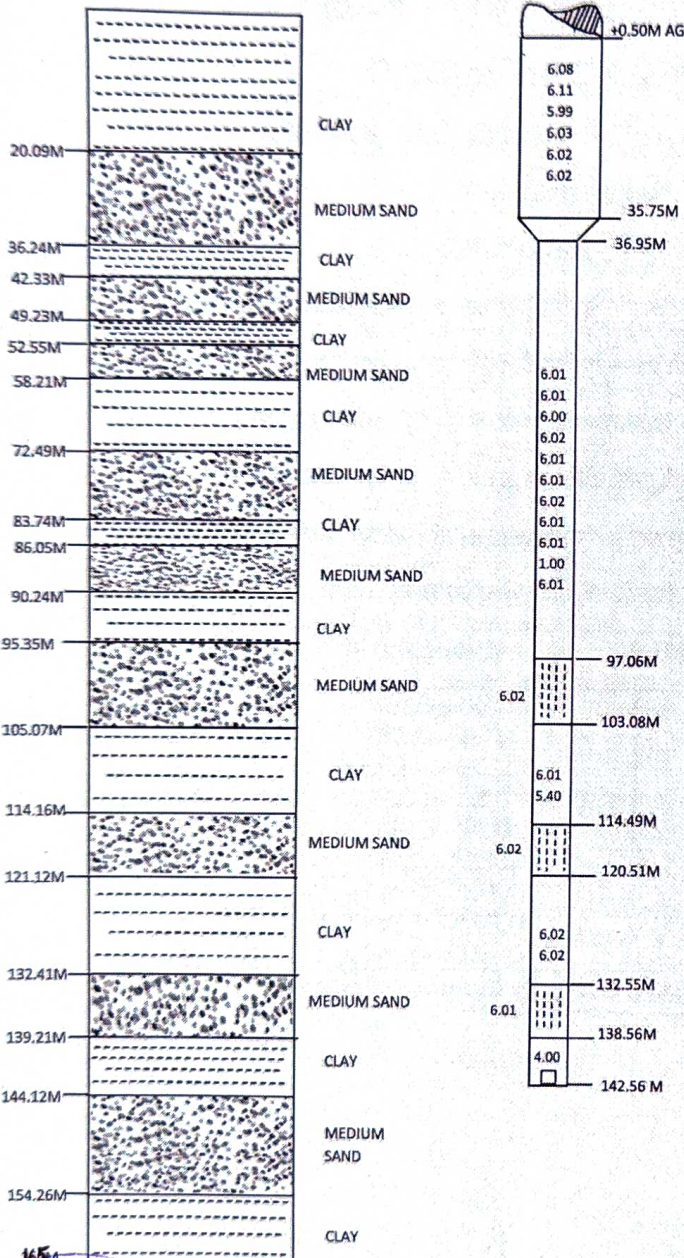
for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per
logs provided.

G.S.
ASSISTANT HYDROGEOLOGIST
2 PATRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Depth B.G.L.	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.75 M
				200x150mm reducer from 35.75 M to 35.95 M
				150mm dia plain pipe from 35.95 M to 97.06M
				150mm diaslotted pipe from 97.06 M to 103.08M
				150mm dia plain pipe from 103.08 M to 114.49 M
				150mm dia slotted pipe from 114.49 M to 120.51 M
				150mm dia plain pipe from 120.51M to 132.55M
				150mm dia slotted pipe from 132.55 M to 138.56 M
				150mm dia plain pipe from 138.56M to 142.56 M
				total assembly- 142.56M+AGL 0.5= 143.06 M
				ABSTRACT
				Date of Lowering- 28 April 2022
				Drilling Depth-165 M
				Assembly Lowered-157.96 M
				Housing Pipe- 36.25 M
				Plain Pipe-88.56 M
				Slotted Pipe-18.05 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging- 26 April 2022
				Logging Depth-160mbgl
				20-36=4 M
				42-49=7M
				52-58=6M
				72-83=11M
				86-90=4M
				95-105=10M
				114-121=7M
				132-139=7M
				144-154=10M



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