



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 210 -- M / AX - 2022

Date 10.02.2022

Geophysical Borehole Logging Report

Name of the site : Marha , Block- Belghat
District : Gorakhpur
Date : 10.02.2022
Depth logged : 142.0 mbgl
Depth drilled : 167.0 mbgl- as reported
Logged by : Aqua Xplore
Presence : Representative of M/S NCC Limited, Gorakhpur - South

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	14.0---20.0	6.0	Good all
2	50.0---54.0	4.0	
3	58.0---62.0	4.0	
4	78.0---91.0	13.0	
5	96.0---106.0	10.0	
6	114.0---134.0	20.0	

Note. Sl. Nos. 2 & 3 are fine sand intermixed with kankar. Sl. No. 6 is intermixed with fine bands of kankar

Verified as per logs provided.

for Aqua Xplore

CC;

1. Executive Engineer, C.D. (Rural), U.P.Jal Nigam, Gorakhpur.
2. M/S NCC Limited, Gorakhpur –South, SWSM.

Note - Sr No 5 - 96-104 mbgl and in Sr No 6 - 116-133 mbgl should consider to avoid fine sediments.

ASSISTANT HYDROGEOLOGIST
YANTRIK RAJDA
U. P. JAL NIGAM (RURAL)