

# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 108 - N/ AX- 2022 Date 08.01.2022


## Geophysical Borehole Logging Report

Name of the site : Naika Chhapra, Block- Hata  
District : Kushinagar  
Date : 08.01.2022  
Depth logged : 158.0 mbgl  
Depth drilled : 158.0 mbgl  
Logged by : Aqua Xplore  
Presence : Representative of M/S NCC Limited, Kushinagar

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	22.0---38.0	16.0	Good all
2	40.0---44.0	4.0	
3	48.0---56.0	8.0	
4	60.0---71.0	11.0	
5	80.0---92.0	12.0	
6	99.0---103.0	4.0	
7	122.0---136.0	14.0	
8	146.0---158.0	12.0	

Note. Sl. No. 2 is fine sand intermixed with kankar. Sl. Nos. 3 & 5 are intermixed with kankar.  
Sl. No. 7 is very fine sand intermixed with kankar.

  
for Aqua Xplore

CC;

- Executive Engineer, C.D. (E/M), U.P.Jal Nigam, Gorakhpur.
- M/S NCC Limited, Kushinagar, SWSM.

Verified as per logs provided.  
Note - Zone 2 and 7 should be avoided. Zone 5 → 82-92  
Zone 8 → 148-158.  
10/01/22.  
ASSISTANT HYDROGEOLOGIST  
YANTRIK MANDAL  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ