



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 1222 - S / AX - 2021 Date 22.12.2021

## Geophysical Borehole Logging Report

Name of the site : Sahuadeeh, Block- Padrauna  
District : Kushinagar  
Date : 22.12.2021  
Depth logged : 120.0 mbgl  
Depth drilled : 132.0 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      | 18.0---24.0       | 6.0          | Good all |
| 2      | 30.0---40.0       | 10.0         |          |
| 3      | 46.0---52.0       | 6.0          |          |
| 4      | 56.0---62.0       | 6.0          |          |
| 5      | 72.0---82.0       | 10.0         |          |
| 6      | 86.0---91.0       | 5.0          |          |
| 7      | 96.0---102.0      | 6.0          |          |
| 8      | 105.0---110.0     | 5.0          |          |
| 9      | 113.0---117.0     | 4.0          |          |

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 7 & 8 are fine sand.

for Aqua Xplore

CC:

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

Verified as per logs provided.

G.S.H.  
22/12/2021  
ASSISTANT HYDROGEOLOGIST  
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PRAYAGRAJ