



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor: Dr. B. A. Yadav, ex. Member (Groundwater), U. P. Jal Nigam

Ref: 314 - B / AX - 2022

Date: 14.03.2022

Geophysical Borehole Logging Report

Name of the site : Bhagwanpur Bujurg, Block- Sukrauli

District : Kushinagar

Date : 14.03.2022

Depth logged : 155.0 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 | 21.0---60.0 | 39.0 | Good all |
| 2 | 63.0---68.0 | 5.0 | |
| 3 | 73.0---77.0 | 4.0 | |
| 4 | 80.0---87.0 | 7.0 | |
| 5 | 98.0---102.0 | 4.0 | |
| 6 | 107.0---111.0 | 4.0 | |
| 7 | 119.0---122.0 | 3.0 | |
| 8 | 130.0---135.0 | 5.0 | |

Note. Sl. Nos. 6 to 8 are very fine sand and Sl. Nos 2, 3 and 6 to are intermixed with kankar.

for Aqua Xplore

CC;

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

Verified as per logs provided.
Note - Sr No - 4 - 82 - 87 mbgl may safer to avoid fine sediments
- Sr No 7 is also finer sediments.

ASSISTANT HYDROGEOLOGICIAN
YANTRIK BANERJEE
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ