





# Aqua Xplore

(Groundwater Assessment & Allied Services)  
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Ref. 725 -S / AX- 2024 Date 25.07.2024

## Geophysical Borehole Logging Report

Name of the site : Satanpur, Block - Khiro

District : Raibarely

Date : 25.07.2024

Depth logged : 345.0 mbgl,

Depth drilled : 350.0 mbgl – as reported

Logger used : Robertson make

Presence : Rep. of NCC Ltd., Raibareli

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	244.0–252.0	8.0	Marginal (1)
2	262.0–270.0	8.0	Moderate (2,3,4)
3	280.0–286.0	6.0	
4	291.0–295.0	4.0	

**Note.** All zone are intermixed with kankar. Quality of the formation water is deteriorating to saline upto 240.0 mbgl & further below 306.0 mbgl till depth logged. Partial clay layer lies in between 240.0 to 244.0 mbgl. Expected TDS value of Sl. Nos. 1 to 4 may be around 1100-1300 ppm. TDS of Sl.No.2 may be little less than 1100 ppm.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibarely