



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Ref. 716 -S / AX - 2024 Date 16.07.2024

Geophysical Borehole Logging Report

Name of the site : Sarai Dilawar, Block - Dalmau

District : Raibarely

Date : 16.07.2024

Depth logged : 330.0 mbgl,

Depth drilled : 330.0 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	20.0–33.0	13.0	Good (1,2)
2	48.0–56.0	8.0	
3	194.0–198.0	4.0	Marginal (3)
4	203.0–210.0	7.0	
5	212.0–224.0	12.0	Moderate (4,5,6,7,12)
6	227.0–234.0	7.0	
7	240.0–250.0	10.0	
8	254.0–258.0	4.0	Good to moderate (8,9,10,11)
9	264.0–268.0	4.0	
10	270.0–275.0	5.0	
11	278.0–286.0	8.0	
12	313.0–317.0	4.0	

Note. All zone are intermixed with kankar. Quality of the formation water is deteriorating to saline in between 62.0 to 190.0 mbgl. Expected TDS value of Sl. No. 3 may be around 1100-1300 ppm & Sl. Nos. 4 to 7 & 12 may be around 700-900 ppm. Partial clay layer lies in between 190.0 to 194.0 mbgl.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibarely