



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 821 - CR / AX - 2024

Date 21.08.2024

Geophysical Borehole Logging Report

Name of the site : Chandrawati, Block – Ranipur

District : Mau

Date : 21.08.2024

Depth logged : 195.0 mbgl

Depth drilled : 200.0 mbgl- as reported Rmf- 8.0 Ohm-m Rw-9.5 Ohm-m

Logger used : Robertson make

Presence : Representative of M/S KLSR and RAYS (JV)., Mau

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	13.0–17.0	4.0	Good (1,2,3,6)
2	20.0–25.0	5.0	
3	28.0–34.0	6.0	
4	37.0–41.0	4.0	Good to moderate(4,5)
5	45.0–49.0	4.0	
6	53.0–60.0	7.0	Marginal(7,8)
7	129.0–139.0	10.0	
8	152.0–156.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 68.0 to 122.0 mbgl & further below 158.0 mbgl till depth logged. Sl. Nos. 4 & 5 are fine sand. Partial clay layer lies in between 122.0 to 126.0 mbgl. Expected TDS value of Sl. Nos. 7 & 8 may be around 1100-1300 ppm.

for Aqua Xplore

CC;

1. M/S KLSR and RAYS (JV)., Mau, Uttar Pradesh