

Contractor Name – M/S NCC SWSM PROJECT RAEBARELI

Manager (G.W.)

Executive Engineer
(UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor – Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 1219 -S / AX - 2024

Date 19.12.2024

Geophysical Borehole Logging Report

Name of the site : Shora, Block - Harchandpur

District : Raibarely

Date : 19.12.2024

Depth logged : 346.0 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	20.0---24.0	4.0	Good (1,2,3)
2	26.0---30.0	4.0	
3	32.0---42.0	10.0	Good to moderate (8)
4	55.0---62.0	7.0	
5	42.0---76.0	4.0	Moderate(7,9)
6	102.0---106.0	4.0	
7	238.0---243.0	5.0	Moderate to marginal
8	278.0---290.0	12.0	(4,5,6)
9	303.0---310.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 112.0 to 233.0 mbgl and further below below 313.0 mbgl till depth logged. Expected TDS value of Sl. Nos. 7 & 9 may be around 700-900 ppm & Sl Nos. 4,5 & 6 may be around 1000-1200 ppm.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibarely