

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Date: 13-04-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Hathiyahawa, Block - Nautanwa, Distt. - Maharajganj

Drilling Depth (m) : 220.00 mbgl as reported by Driller

Logged Depth (m) : 144.00 mbgl

Date of Logging : 13.04.2023

Types of Log : ~~S.P. Resistivity (Normal) & Natural Gamma~~

Logger Used : Robertson Geologging..

Bore Hole Drilled by: Rithwik-Koya-JV..

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m. bgl)	Thickness (m)	Quality & Types of Strata	$R_{mf}$ & $R_w$
1	34 - 43	9	Good - <i>kankar</i>	<del><math>R_{mf} = 14.87 \Omega m</math></del>
2	50 - 56	6	Good <i>only.</i>	<del><math>R_w = 15.85 \Omega m</math></del>
3	70 - 77	7	Good	
4	106 - 113	7	Good	
5	126 - 130	4	Good. Fine Sand	

Remark: ~~Almost all zones are intermixed with fine bands of kankar.~~

*Verified as per logs provided*

*G.Sh  
15/04/23*

  
(G.Singh)  
Geophysicist