



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/231

Date: 19-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Barwa Kripal, Block – Nichlaul, Distt. – Maharajganj

Drilling Depth (m) : 210.00 mbgl as reported by Driller

Logged Depth (m) : 184.00 mbgl

Date of Logging : 19.06.2023

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	32 – 38	6	Good	$R_{mf} = 07.88 \Omega m$ $R_w = 09.76 \Omega m$
2	42 – 52	10	Good	
3	54 – 60	6	Good	
4	64 – 70	6	Good	
5	76 – 79	3	Good	
6	148 – 151	3	Good	
7	158 – 164	6	Good	



Remark : 1. Almost all zones are intermixed with fine bands of kankar.

2. No proper granular zones encountered below 164 mbgl to till depth logged.

Verified as per
logs provided

G. S. H.

20/06/23



(~~Geophysicist~~)
Geophysicist