



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: TDMA/WWP/JR/072

Date: 29-04-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kashtkheara, Block – Brijmanganj, Distt. – Maharajganj

Drilling Depth (m) : 250.00 mbgl as reported by Driller

Logged Depth (m) : ~~243.00 mbgl~~

Date of Logging : 29.04.2023

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_{mt} & R_w
1	34 – 38	4	Good	$R_{mt} = 16.20 \Omega m$ $R_w = 18.83 \Omega m$
2	54 – 58	4	Good	
3	66 – 70	4	Good	
4	109 – 112	3	Good	
5	128 – 131	3	Good	
6	154 – 160	6	Good	
7	200 – 205	5	Good	
8	212 – 222	10	Good, Kankar Mixed	
9	232 – 240	8	Good, Kankar Mixed	

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

*Verified as per
logs provided*

*g.s.s.
01105/23*


(*g.s.s.*)
Geophysicist