

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: TDMA/VWP/JR/094

Date: 07-05-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

Logged Depth (m) : ~~200.00 mbgl~~

Date of Logging : 07.05.2023

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	36 – 42	6	Good	$R_{mf} = 11.72 \Omega m$
2	46 – 50	4	Good	$R_w = 12.38 \Omega m$
3	54 – 62	8	Good	
4	84 – 90	6	Good – slightly K.I.	
5	92 – 98	6	Good	
6	106 – 112	6	Good	
7	138 – 142	4	Good	
8	148 – 164	16	Good	
9	180 – 192	12	Good	

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

Verified as per
logs provided

G.Sh
08/05/23


(A.K. Singh)
Geophysicist