



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/162

Date: 28-05-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khurapati Dariyapar, Block – Bahadurpur,
Distt. – Basti

Drilling Depth (m) : 134.00 mbgl as reported by Driller

Logged Depth (m) : ~~131.40 mbgl~~

Date of Logging : 28.05.2023

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

Logger Used : ~~Robertson Geologging.,~~

Bore Hole Drilled by: Megha Engineering and Infrastructure Ltd.,

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	28 – 34	6	Good	$R_{mf} = 14.16 \Omega m$ $R_w = 15.48 \Omega m$
2	38 – 48	10	Good	
3	55 – 62	7	Good	
4	68 – 80	12	Good	
5	82 – 85	3	Good	
6	98 – 104	6	Good	

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

Verified as per
logs provided

G.S.H
28/05/23



(G.S.H)
Geophysicist

