

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)
9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183
Email : slamaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

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Ref: TDMA WWP/IR/519

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Aziz Nagar, Block - Motichak, Dist. - Kushinagar

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 190.00 mbgl

Date of Logging : 10.10.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: NCC 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 - 40	12	Good	$R_{mf} = 18.40 \Omega m$ $R_w = 20.91 \Omega m$
2	46 - 64	18	Good	
3	74 - 80	6	Good	
4	86 - 92	6	Good	
5	96 - 102	6	Good	
6	108 - 112	4	Good	
7	116 - 128	12	Good	
8	134 - 142	8	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 142 mbgl to till depth logged.



(A.K. Singh)
Geophysicist