



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

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Date: 18-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Darhata, Block – Mithaura, Distt. – Maharajganj

Drilling Depth (m) : 180.00 mbgl as reported by Driller

Logged Depth (m) : 166.00 mbgl

Date of Logging : 18.08.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Kalpataru Power Transmission 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	34 – 46	12	Good	R _{mf} = 32.25 Ωm R _w = 33.98 Ωm
2	52 – 62	10	Good	
3	66 – 74	8	Good	
4	92 – 96	4	Good	
5	108 – 112	4	Good	
6	122 – 128	6	Good	
7	136 – 140	4	Good	

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

2. No proper granular zones encountered below 140 mbgl to till depth logged.



(A.K. Singh)