



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Gonda/83

Date : 01.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Mahdeva Kala, Block – Rupaideeh
Distt. – Gonda

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 01.08.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Upton

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strara	R _{mf} & R _w
1	25 – 36	11	Good, Fine to medium sand	R _{mf} = 26 Ωm R _w = 28.2 Ωm
2	41 – 45	4	Good, Fine to medium sand	
3	55 - 66	11	Good, Fine to medium sand	
4	72 – 85	13	Good, Fine to medium sand	
5	98 – 110	12	Good, Fine to medium sand	
6	137 – 150	13	Good, Fine to medium sand	
7	155 – 160	5	Good, Fine to medium sand	

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

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda



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