



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Gonda/69

Date : 06.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Benduli to Parsiya Gudar, Block – Itiathok
Distt. – Gonda

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 06.06.23

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 strata	R_{mf} & R_w
1	25 – 31	6	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$
2	47 – 56	9	Good, Fine to medium sand	$R_w = 26.2 \Omega m$
3	60 – 66	6	Good, Fine to medium sand	
4	74 – 84	10	Good, Fine to medium sand	
5	90 – 93	3	Good, Fine to medium sand	
6	100 – 103	3	Good, Fine to medium sand	
7	110 – 122	12	Good, Fine to medium sand	
8	140 – 145	5	Good, Fine to medium sand	
9	152 – 158	6	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

Seen

[Signature]

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Verified as per
logs provided

[Signature]
07/06/23

[Signature]

(A.K. Singh)
Geophysicist