



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Shravasti/76

Date : 07.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Mohammadpur Raja, Block - Ikauna
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~168~~ mbgl

Date of Logging : 07.05.23

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	30 - 40	10	Fine to medium sand	Good	$R_{mf} = 23.2 \Omega m$
2	60 - 70	10	Fine to medium sand	Good	$R_w = 252 \Omega m$
3	75 - 80	5	Fine to medium sand	Good	
4	90 - 97	7	Fine to medium sand	Good	
5	104 - 120	16	Fine to medium sand	Good	
6	125 - 133	8	Fine to medium sand	Good	
7	140 - 148	8	Fine to medium sand	Good	
8	157 - 163	6	Fine to medium sand	Good	

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

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

*Verified as per logs provided
A. Singh
08/10/23*



(A. Singh)
Geophysicist