



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Shravasti/64

Date : 22.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Laxmanpur Kothi, Block - hariharpur Rani
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167 mbgl~~

Date of Logging : 22.04.23

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	22 - 36	14	Fine to medium sand	Good	$R_{mf} = 14 \Omega m$
2	53 - 56	3	Fine to medium sand	Good	$R_w = 26.3 \Omega m$
3	67 - 73	6	Fine to medium sand	Good	
4	8580 - 8489	4	Fine to medium sand	Good	
5	100 - 106	6	Fine to medium sand	Good	
6	118 - 127	9	Fine to medium sand	Good	
7	132 - 138	6	Fine to medium sand	Good	
8	140 - 143	3	Fine to medium sand	Good	
9	152 - 155	3	Fine to medium sand	Good	
10	163 - 166	3	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

*G.Sh
24/04/23*

Drish

(A.K. Singh)
Geophysicist