



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Shravasti/63

Date : 19.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village -Lakhana, Block - Gilaula
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~163 mbgl~~

Date of Logging : 19.04.23

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

Logger Used : ~~Upron~~

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	25 - 43	18	Fine to medium sand	Good	$R_{mf} = 25 \Omega m$ $R_w = 27.2 \Omega m$
2	54 - 60	6	Fine to medium sand	Good	
3	65 - 71	6	Fine to medium sand	Good	
4	75 - 80	5	Fine to medium sand	Good	
5	83 - 94	11	Fine to medium sand	Good	
6	100 - 105	5	Fine to medium sand	Good	
7	111 - 121	10	Fine to medium sand	Good	
8	142 - 147	5	Fine 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
20/04/23*

Amish

(A.K. Singh)
Geophysicist