



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/88

Date : 17.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Khajua, Block - Hariharpur Rani
District - Shravasti

Drilling Depth : 168 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 17.05.23

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 - 37	7	Fine to medium sand	Good	$R_{mf} = 21 \Omega m$ $R_w = 23 \Omega m$
2	50 - 58	8	Fine to medium sand	Good	
3	70 - 80	10	Fine to medium sand	Good	
4	85 - 97	12	Fine to medium sand	Good	
5	130 - 135	5	Fine to medium sand	Good	
6	138 - 141	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

Dubade Singh

*GIC
18/05/23*

Hungorvat

