



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/113

Date : 28.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Shivgarh Kalan, Block – Hariharpur Rani
District - Shravasti

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~155~~ mbgl

Date of Logging : 28.06.23

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

Logger Used : ~~Uptron~~

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	28 – 33	5	Fine to medium sand	Good	$R_{mf} = 25.8 \Omega m$
2	54 – 57	3	Fine to medium sand	Good	$R_w = 27 \Omega m$
3	72 – 76	4	Fine to medium sand	Good	
4	80 – 87	7	Fine to medium sand	Good	
5	102 – 107	5	Fine to medium sand	Good	
6	109 – 112	3	Fine to medium sand	Good	
7	120 – 132	12	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
30/06/23

Prince



(A.K. Singh)
Geophysicist