



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/112

Date : 27.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 27.06.23

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	30 – 35	5	Fine to medium sand	Good	$R_{mf} = 25.8 \Omega m$
2	52 – 55	3	Fine to medium sand	Good	$R_w = 29 \Omega m$
3	60 – 70	10	Fine to medium sand	Good	
4	76 – 82	6	Fine to medium sand	Good	
5	86 – 93	7	Fine to medium sand	Good	
6	97 – 100	3	Fine to medium sand - kankar	Good	
7	105 – 112	7	Fine to medium sand	Good	
8	120 – 125	5	Fine to medium sand		
9	138 – 144	6	Fine to medium sand		

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

Note. S.No 5 - 89-93 (4m)

G.Sh
28/06/23

Police



(A.K. Singh)
Geophysicist