



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/103

Date : 08.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lal Bojhi, Block – Ikauna
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 08.06.23

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	29 – 33	4	Fine to medium sand	Good	$R_{mf} = 30.3 \Omega m$
2	45 – 53	8	Fine to medium sand	Good	$R_w = 32 \Omega m$
3	63 – 68	5	Fine to medium sand	Good	
4	80 – 88	8	Fine to medium sand - Highly K.I.	Good	
5	90 – 94	4	Fine to medium sand	Good	
6	100 – 107	7	Fine to medium sand	Good	
7	113 – 116	3	Fine to medium sand	Good	
8	125 – 133	8	Fine to medium sand	Good	
9	139 – 143	4	Fine to medium sand	Good	
10	150 – 157	7	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.

GIC
09/06/23

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(A.K. Singh)
Geophysicist