



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/94

Date : 31.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Dare Kuieya, Block – Jamunaha
District - Shravasti

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 31.05.23

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	45 - 55	10	Fine to medium sand	Good	$R_{mf} = 29.2 \Omega m$
2	65 - 70	5	Fine to medium sand	Good	$R_w = 31 \Omega m$
3	76 - 86	10	Fine to medium sand	Good	
4	98 - 110	12	Fine to medium sand	Good	
5	127 - 131	4	Fine to medium sand	Good	
6	135 - 141	6	Fine to medium sand	Good	
7	145 - 152	7	Fine to medium sand	Good	
8	157 - 160	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

G.K.S.
09/06/23



(G.K.Singh)
Geophysicist