



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Shravasti/77

Date : 09.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Tendwa Mahant, Block – Ikauna
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 09.05.23

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

Logger Used : ~~IGIS~~

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	22 – 35	13	Fine to medium sand	Good	$R_{mf} = 23.2 \Omega m$ $R_w = 26 \Omega m$
2	50 – 57	7	Fine to medium sand	Good	
3	62 – 66	4	Fine to medium sand	Good	
4	70 – 80	10	Fine to medium sand	Good	
5	85 – 92	7	Fine to medium sand	Good	
6	107 – 115	8	Fine to medium sand	Good	
7	119 – 126	7	Fine to medium sand	Good	
8	152 – 162	10	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
Note Sr NO 4 - 70-77 (7m)
Sr NO 6 - 107-111 (4m)

GIC
10/05/23

(A.K. Singh)
Geophysicist