

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/ Shrivasti/77

Date : 09.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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	$R_{mf} = 22.2 \Omega m$
2	50 - 57	7	Fine to medium sand	Good	$R_w = 26 \Omega m$
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