



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Shrivasti/110

Date : 24.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhagwanpur, Block – Jamunaha
District - Shrivasti

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~155 mbgl~~

Date of Logging : 24.06.23

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	34 - 40	6	Fine to medium sand	Good	$R_{mf} = 27 \Omega m$ $R_w = 22.7 \Omega m$
2	50 - 55	5	Fine to medium sand	Good	
3	62 - 70	8	Fine to medium sand	Good	
4	75 - 84	9	Fine to medium sand	Good	
5	103 - 111	8	Fine to medium sand	Good	
6	118 - 123	5	Fine to medium sand	Good	
(7)	130 - 134	4	Fine sand	Good	

Remark: . Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 134 mbgl.

CC: Executive Engineer (E/M Div.) U P Jal Nigam (Gramin) Gonda

Verified as per
logs provided

G.Sh
26/06/23

Patil

Patil

(A.K. Singh)
Geophysicist