



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Shravasti/117

Date : 08.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Laxmanpur Shemra, Block – Jamunaha
District - Shravasti

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : 170 mbgl

Date of Logging : 08.07.23

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	30 – 38	8	Fine to medium sand	Good	$R_{mf} = 28 \Omega m$ $R_w = 30.6 \Omega m$
2	50 – 55	5	Fine to medium sand	Good	
3	64 – 72	8	Fine to medium sand	Good	
4	80 – 94	14	Fine to medium sand, kankar mixed	Good	
5	112 – 117	5	Fine to medium sand	Good	
6	125 – 132	7	Fine to medium sand	Good	
7	137 – 145	8	Fine to medium sand	Good	
8	160 – 165	5	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

Done

Asish

(A. C. Singh)
Geophysicist