



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Shravasti/120

Date : 13.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Rajapur Birpur Zone 1, Block – Hariharpur Rani
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 13.07.23

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

Logger Used : Upton

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 – 37	7	Fine to medium sand	Good	R _{mf} = 27.6 Ωm R _w = 29.1 Ωm
2	47 – 50	3	Fine to medium sand	Good	
3	64 – 71	7	Fine to medium sand	Good	
4	87 – 94	7	Fine to medium sand	Good	
5	103 – 110	7	Fine to medium sand	Good	
6	120 – 125	5	Fine to medium sand	Good	
7	128 – 133	5	Fine to medium sand	Good	
8	139 – 144	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

Prince

Prishk

(A.K. Singh)
Geophysicist