

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)
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Ref: GIC/JJM/Balrampur/295

Date : 26.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Tenganwar, Block - Harraya Satgharwa
Dist. - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 230 mbgl

Date of Logging : 26.07.23

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)	Types of strata	R_{mf} & R_w
1	45 - 48	3	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 27 \Omega m$
2	52 - 56	4	Good, Fine to medium sand	
3	60 - 67	7	Good, Fine to medium sand	
4	87 - 95	8	Good, Fine to medium sand	
5	120 - 126	6	Good, Fine to medium sand	
6	145 - 152	7	Good, Fine to medium sand	
7	160 - 163	3	Good, Fine to medium sand	
8	174 - 177	3	Good, Fine to medium sand	
9	190 - 193	3	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kanakar. No proper granular zones encountered below 193 mbgl.

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

Seen
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