



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/129

Date : 25.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Patiyal Grant, Block – Shridattganj
Distt. – Balrampur

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~170~~ mbgl 175

Date of Logging : 25.02.23

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	28 – 35	7	Good, Fine to medium sand	$R_{mf} = 33.1 \Omega m$ $R_w = 35 \Omega m$
2	39 – 42	3	Good, Fine to medium sand	
3	55 – 61	6	Good, Fine to medium sand	
4	65 – 73	8	Good, Fine to medium sand	
5	79 – 90	11	Good, Fine to medium sand	
6	95 – 98	3	Good, Fine to medium sand	
7	103 – 106	3	Good, Fine to medium sand	
8	110 – 117	7	Good, Fine to medium sand	
9	122 – 130	8	Good, Fine to medium sand	
10	135 – 142	7	Good, Fine to medium sand	
11	152 – 165	13	Good, Fine to medium sand	
12	169 – 173	4	Good, Fine to medium sand	

Remark : ~~Almost~~ all zones are intermixed with fine bands of kankar.

Verified as per
logs provided.
G.S.
27/02/23



Geophysicist