



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/115

Date : 18.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Nand Mehra, Block – Shreedattganj
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 160 mbgl

Date of Logging : 18.02.23

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)	Types of strata	R_{mf} & R_w
1	30 – 42	12	Good, Fine to medium sand	$R_{mf} = 31.3 \Omega m$
2	49 – 60	11	Good, Fine to medium sand	$R_w = 33.7 \Omega m$
3	63 – 66	3	Good, Fine to medium sand, Kankar intermixed	
4	70 – 76	6	Good, Fine to medium sand	
5	78 – 81	3	Good, Fine to medium sand	
6	86 – 98	9	Good, Fine to medium sand, Kankar intermixed	
7	110 – 114	4	Good, Fine to medium sand	
8	126 – 130	4	Good, Fine to medium sand	
9	132 – 138	6	Good, Fine to medium sand, Kankar intermixed	
10	140 – 143	3	Good, Fine to medium sand	
11	145 – 155	10	Good, Fine to medium sand	

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

Verified as per
logs provided.
Note - SrNO 6 - 86-95 (9m)
SrNO 9 - 133-137 (4m)

G.S.H.
20/02/23



(A.K. Singh)
Geophysicist