



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/139

Date : 03.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Rampur Bagnaha, Block - Sridattganj
District - Balrampur

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 03.03.23

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	30 - 40	10	Good, Fine to medium sand	R_{mf} = 30.5 Ωm
2	50 - 65	15	Good, Fine to medium sand	R_w = 32 Ωm
3	68 - 75	7	Good, Fine to medium sand	
4	80 - 87	7	Good, Fine to medium sand	
5	92 - 95	3	Good, Fine to medium sand	
6	125 - 132	7	Good, Fine to medium sand, kankar intermixed	
7	145 - 153	8	Good, Fine to medium sand	

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

Verified as per logs provided.
Note: One more zone may add - 113-117 (4m)
G.S.H
04/03/23



(A.K. Singh)
Geophysicist