



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Balrampura/171

Date : 03.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhagwantpur, Block – Balrampur
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 03.04.23

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	25 – 36	11	Good, Fine to medium sand	R_{mf} = 27.1 Ohm
2	40 – 65	25	Good, Fine to medium sand, kankar mixed	R_w = 28 Ohm
3	70 – 73	3	Good, Fine to medium sand	
4	76 – 80	4	Good, Fine to medium sand	
5	88 – 98	10	Good, Fine to medium sand	
6	110 – 117	7	Good, Fine to medium sand	
7	128 – 134	6	Good, Fine to medium sand	
8	137 – 142	5	Good, Fine to medium sand	
9	147 – 155	8	Good, Fine to medium sand	

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

Verified as per logs provided
GSh
04/04/23

Drish

(A.K. Singh)
Geophysicist