



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/265

Date : 11.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kotwa Dargah, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 168 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~ 160 mbgl

Date of Logging : 11.06.23

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	42 – 65	23	Good, Fine to medium sand	R_{mf} = 26 Ωm
2	70 – 77	7	Good, Fine to medium sand	R_w = 28.4 Ωm
3	82 – 86	4	Good, Fine to medium sand	
4	90 – 95	5	Good, Fine to medium sand	
5	108 – 113	5	Good, Fine to medium sand	
6	120 – 126	6	Good, Fine to medium sand	
7	139 – 143	4	Good, Fine to medium sand	
8	155 – 158	3	Good, Fine to medium sand	

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

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

Verified as per logs provided

G.S.H.

17/06/23

Amish

(A.K. Singh)
Geophysicist