



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Balrampur/176

Date : 06.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kharika Masumpur, Block – Rehra Bazar

District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 ~~mbgl~~

Date of Logging : 06.04.23

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	28 – 35	7	Good, Fine to medium sand	R_{mf} = 27 Ωm
2	42 – 66	24	Good, Fine to medium sand	R_w = 28.6 Ωm
3	70 – 78	8	Good, Fine to medium sand	
4	100 – 105	5	Good, Fine to medium sand	
5	118 – 132	14	Good, Fine to medium sand	
6	140 – 145	5	Good, Fine to medium sand	
7	157 – 160	3	Good, Fine to medium sand	

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

*Verified as per logs provided.
Note: Sr No 5-118-128 (10m)
G.S.H.
07/04/23*

Arind

(A.K. Singh)
Geophysicist