



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/87

Date : 27.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Kathuwa, Block – Harriya Satgharwa
Distt. – Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275~~ mbgl

Date of Logging : 27.01.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~Optron~~

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} = 26 Ωm
2	47 – 51	4	Good, Fine to medium sand	R_w = 27.2 Ωm
3	65 – 80	15	Good, Fine to medium sand	
4	91 – 100	9	Good, Fine to medium sand	
5	107 – 118	11	Good, Fine to medium sand	
6	125 – 134	9	Good, Fine to medium sand	
7	145 – 155	10	Good, Fine to medium sand	
8	186 – 193	7	Good, Fine to medium sand	
9	210 – 216	6	Good, Fine to medium sand	
10	228 – 246	18	Good, Fine to medium sand	
11	266 – 272	6	Good, Fine to medium sand	

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

*Verified as per logs provided.
Note - Sr No 07-146-156 (low)
G.S.
20/01/23*

Arind

(A.K. Singh)
Geophysicist