



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Basti/26

Date : 30.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Basdilla, Block – Saltaua Gopalpur
Distt. – Basti

Drilling Depth : 145 mbgl – as reported by Driller

Logged Depth : ~~140~~ mbgl

Date of Logging : 30.01.23

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

Logger Used : ~~Uptron~~

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	20 – 27	7	Good	R_{mf} = 25.1 Ωm R_w = 26.8 Ωm
2	34 – 40	6	Good	
3	43 – 70	27	Good, Intermixed kankar bands	
4	74 – 80	7	Good, Intermixed kankar bands	
5	102 – 105	3	Good	
6	121 – 127	6	Good, Intermixed kankar bands	

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


CC :

1. Megha Engineering & Infrastructure Limited

*Verified as per logs provided.
Note - In Sr No 2-50-57 portion is highly kankar intermixed.*

*G.S.S.
30/01/23*

Drish



(A.K. Singh)
Geophysicist