



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/23

Date : 16.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 140 mbgl – as reported by Driller

Logged Depth : ~~130 mbgl~~

Date of Logging : 16.01.23

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	25 – 33	8	Good	R_{mf} = 26.2 Ωm
2	38 – 41	3	Good	R_w = 27.4 Ωm
3	56 – 61	5	Good, Intermixed kankar bands	
4	65 – 82	17	Good, Intermixed kankar bands	
5	100 – 104	4	Good	

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

CC :

1. Megha Engineering & Infracture Limited

Verified as per logs provided
Note - No proper granular zones encountered below 104 to till depth logged.
GSh
16/01/23

