



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/28

Date : 01.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Nadayen, Block – Harraiya
Distt. – Basti

Drilling Depth : 145 mbgl – as reported by Driller

Logged Depth : ~~135~~ mbgl

Date of Logging : 01.02.23

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	30 – 48	18	Good	R_{mf} = 22.3 Ωm
2	54 – 67	13	Good, Intermixed kankar bands	R_w = 23.4 Ωm
3	81 – 87	6	Good, <u>Very fine sand</u>	
4	100 – 106	6	Good, <u>Very fine sand</u>	

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

CC :

1. Megha Engineering & Infrastructure Limited

Verified as per logs provided.

*G.Sh
02/02/23*

Drishk

(A.K. Singh)
Geophysicist