



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/18

Date : 14.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Rainiya, Block – Kudraha
Distt. – Basti

Drilling Depth : 145 mbgl – as reported by Driller

Logged Depth : ~~130~~ mbgl

Date of Logging : 14.12.22

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	30 – 38	8	Good	$R_{mf} = 20 \Omega m$ $R_w = 21.1 \Omega m$
2	43 – 57	14	Good. Intermixed kankar bands	
3	90 – 100	10	Good. Intermixed kankar bands	
4	112 – 117	5	Good	
5	120 – 125	5	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 - S.No3 - 91-98 (7m)
S.No4 - 112-116 (4m)
S.No5 - 120-124 (4m)
Gish
15/12/22

