



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/11

Date : 24.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 145 mbgl – as reported by Driller

Logged Depth : ~~135~~ mbgl

Date of Logging : 24.11.22

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

Logger Used : ~~IGIS~~

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	15 – 22	7	Good	$R_{mf} = 28.2 \Omega m$ $R_w = 31.4 \Omega m$
2	32 – 37	5	Good, Intermixed kankar bands	
3	40 – 45	5	Good, Intermixed kankar bands	
4	51 – 60	9	Good, Intermixed kankar bands	
5	63 – 72	9	Good	
6	95 – 98	3	Good	
7	101 – 104	3	Good	
8	112 – 115	3	Good	

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

CC : Megha Engineering & Infrastructure Limited.

Verified as per logs provided.

4/11/22
ASSISTANT GEOPHYSICIST
CIR 25/11/22 (EM)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ



(~~Si. Amaresh~~ Singh)
Geophysicist