



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Sitapur/339

Date : 27.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Jalepara, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 27.12.22

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)	Quality & Types of strata	R_{mf} & R_w
1	25 – 30	5	Good	$R_{mf} = 24.6 \Omega m$ $R_w = 26.1 \Omega m$
2	39 – 45	6	Good	
3	47 – 50	3	Good	
4	62 – 67	5	Good	
5	80 – 96	16	Good, intermixed with kankar bands	
6	100 – 110	10	Good, intermixed with kankar bands	
7	145 – 151	6	Good, intermixed with kankar bands	

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

CC :
M/S NCC Sitapur

Verified as per logs provided.
Note-- Sr No 5-80-90 (10m) and 93-96 (3m)
Sr No 7-144-151 (7m)
G.Sh
28/12/22



(A.K. Singh)
Geophysicist