



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/334

Date : 25.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Wazid Nagar, Block - Pahla
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl *156 mbgl*

Date of Logging : 25.12.22

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

Logger Used : ~~AGIS~~


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	22 – 29	7	Good	$R_{mf} = 26.3 \Omega m$ $R_w = 28 \Omega m$
2	38 – 65	27	Good, intermixed with kankar bands	
3	72 – 82	10	Good, intermixed with kankar bands	
4	87 – 94	7	Good, intermixed with kankar bands	
5	100 – 103	3	Good, intermixed with kankar bands	
6	106 – 111	5	Good, intermixed with kankar bands	
7	129 – 138	9	Good, intermixed with kankar bands	
8	150 – 155	5	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 6 - 102-111 (4m)
Sr No 8 - 151-155 (4m)
G.S.
26/12/22



(A.K. Singh)
Geophysicist