



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/333

Date : 25.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Sahinpur Kandichandpur, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 175 mbgl – as reported by driller

Logged Depth : ~~170~~ mbgl

Date of Logging : 25.12.22

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	$R_{mf} = 29 \Omega m$ $R_w = 30.7 \Omega m$
2	51 – 65	14	Good	
3	80 – 90	10	Good	
4	96 – 99	3	Good	
5	110 – 122	12	Good, intermixed with kankar bands	
6	142 – 160	18	Good highly kankar mixed	

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

C C :

M/S NCC Sitapur

*Verified as per
logs provided.
Note - Sr No 6-142-156(14m)
G.Sh
26/12/22*

Anil

(A.K. Singh)
Geophysicist