



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/272

Date : 25.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Pahadpur, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 25.11.22

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

Logger Used : ~~IGIS~~

Presence : Representative of M/S NCC Sitapur

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	20 – 25	5	Good	R _{mf} = 24.4 Ωm R _w = 25.3 Ωm
2	35 – 45	10	Good	
3	67 – 75	8	Good	
4	83 – 87	4	Good, Intermixed kankar bands	
5	105 – 120	15	Good, Intermixed kankar bands	
6	145 – 155	10	Good, Intermixed kankar bands	

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

CC :

1. M/S NCC Sitapur

Verified as per logs provided.

ASSISTANT GEOLOGIST
CIRCLE OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ
26/11/22

Drink

(*Dr. Singh*)
Geophysicist