



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/260

Date : 16.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 16.11.22

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

Logger Used : ~~Upton~~

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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	43 – 50	7	Good	R <sub>mf</sub> = <del>20</del> Ωm R <sub>w</sub> = <del>22.4</del> Ωm
<del>2</del>	57 – 67	10	Good, Intermixed kankar bands	
<del>3</del>	80 – 90	10	Good, Intermixed kankar bands	
<del>4</del>	110 – 135	25	Good, Intermixed kankar bands	

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

C C :

1. M/S NCC Sitapur

*Verified as per logs provided.*

*G.S.*  
ASSISTANT HYDROGEOLOGIST  
CIRCLE OFFICER (M)  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

