



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/406

Date : 24.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Nioriya Bank, Block - Biswan
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 24.01.23

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

Logger Used : ~~Upton~~

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	30 – 34	4	Good	$R_{mf} = 26.6 \Omega m$ $R_w = 28.1 \Omega m$
2	45 – 70	25	Good, intermixed fine bands of kankar	
3	90 – 93	3	Good	
4	97 – 108	11	Good	
5	115 – 132	17	Good, intermixed fine bands of kankar	
6	151 – 155	4	Good	

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

CC :

I.M/S NCC Sitapur

Verified as per logs provided.
*Note - Sr No 5 - 115 - 122 (7m)
125 - 132 (7m) - Highly
Kankar intermixed.*
G.S.H.
25/01/23



(A.K. Singh)
Geophysicist