



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/505

Date : 19.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Jalalpur Shahpur, Block - Khairabad
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~155 mbgl~~

Date of Logging : 19.03.23

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	42 – 55	13	Good	R_{mf} = 20.7 Ωm
2	57 – 61	4	Good	R_w = 22.1 Ωm
3	69 – 77	8	Good	
4	87 – 97	10	Good	
5	108 – 118	10	Good	
6	126 – 132	6	Good, Finer sediments	
7	135 – 138	3	Good, Finer sediments	

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 1 - 42-50 (8m)
Sr No 6 - 128-132 (4m)
G.Sh
20/03/23



(A.K. Singh)
Geophysicist