



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/501

Date : 16.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Nawajairampur & Saraiyan, Block - Gondalamau
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 16.03.23

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	20 – 30	10	Good	$R_{mf} = 24 \Omega m$
2	37 – 44	7	Good	$R_w = 24.7 \Omega m$
3	50 – 53	3	Good	
4	72 – 80	8	Good - Highly kankar Intermixed.	
5	94 – 100	6	Good	
6	107 – 117	10	Good	
7	127 – 131	4	Good	
8	137 – 144	7	Good	
9	150 – 158	8	Good - Highly kankar Intermixed.	

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

CC :
I.M/S NCC Sitapur

Verified as per
logs provided.
G.Sh
17/03/23



(A.K. Singh)
Geophysicist