



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/434

Date : 05.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Newada & Khedarapur, Block - Hargaon
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 05.02.23

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	27 – 35	8	Good	$R_{mf} = 28.1 \Omega m$ $R_w = 30.4 \Omega m$
2	45 – 53	8	Good	
3	60 – 63	3	Good	
4	67 – 78	11	Good, Hihly kankar intermixed	
5	91 – 97	6	Good	
6	102 – 110	8	Good	
7	123 – 126	3	Good	
8	139 – 143	4	Good	
9	148 – 155	7	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.
GSR
06/02/23*



(A.K. Singh)
Geophysicist