



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/459

Date : 13.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Dalel Nagar, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 13.02.23

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	23 – 30	7	Good	$R_{mf} = 23.1 \Omega m$ $R_w = 24.9 \Omega m$
2	42 – 48	6	Good	
3	59 – 70	11	Good	
4	90 – 100	10	Good	
5	107 – 123	16	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.
↑
GSh
14/02/23



(A.K. Singh)
Geophysicist