



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/488

Date : 02.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Bhambhori, Block - Pahla
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 02.03.23

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	27 – 32	5	Good	$R_{mf} = 25.9 \Omega m$ $R_w = 27.1 \Omega m$
2	45 – 64	19	Good, intermixed kankar bands	
3	76 – 84	8	Good, intermixed kankar bands	
4	87 – 95	8	Good, intermixed kankar bands	
5	110 – 117	7	Good	
6	133 – 140	7	Good	
7	155 – 160	5	Good, intermixed kankar bands	

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

CC :

I.M/S NCC Sitapur

152-156
(NW)

Verified as
per logs
provided.

G.Sh
03/03/23



(A.K. Singh)
Geophysicist