



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/362

Date : 04.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 04.01.23

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	36 – 40	4	Good	$R_{mf} = 25.1 \Omega m$ $R_w = 26.8 \Omega m$
2	46 – 49	3	Good	
3	60 – 71	11	Good	
4	81 – 94	13	Good, Intermixed kankar bands	
5	97 – 107	10	Good, Intermixed kankar bands	
6	115 – 122	7	Good, Intermixed kankar bands	
7	125 – 142	17	Good, Intermixed kankar bands	

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

CC :
I.M/S NCC Sitapur

Verified as per
logs provided.
Note - SrNo 3 - 60-63 (3m)
and 65-71 (6m)
SrNo 5 - 97-104 (7m)
SrNo 7 - 125-137 (12m)
G.Sh
05/01/23



(A.K. Singh)
Geophysicist