



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/565

Date : 15.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Mubarakpur Kalan, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~157 mbgl~~

Date of Logging : 15.04.23

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	25 – 32	7	Good	$R_{mf} = 28.1 \Omega m$ $R_w = 29.8 \Omega m$
2	40 – 45	5	Good	
3	57 – 64	7	Good	
4	80 – 86	6	Good	
5	110 – 130	20	Good	
6	137 – 142	5	Good	
7	146 – 153	7	Good	

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

CC :
I.M/S NCC Sitapur

Verified as per logs provided.
G.S.
17/04/23

Arish

(A.K. Singh)
Geophysicist