



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/564

Date : 15.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Maal Sarai & Jairampur & Baghain, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~155 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	32 – 40	8	Good	$R_{mf} = 27 \Omega m$ $R_w = 29.8 \Omega m$
2	45 – 57	12	Good	
3	72 – 76	4	Good	
4	86 – 92	6	Good	
5	98 – 116	18	Good	
6	121 – 130	9	Good	
7	140 – 152	12	Good	

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

CC :
I.M/S NCC Sitapur

Verified as per logs provided.
Note - Sr No 4 - 06-90 (4m)
Sr No 5 - 99-113 (14m)
Sr No 7 - 142-152 (10m)

G.S.H.
19/04/23


(G.S.H.)
Geophysicist