



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/595

Date : 01.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 155 mbgl

Date of Logging : 01.05.23

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	24 – 27	3	Good	$R_{mf} = 22.7 \Omega m$ $R_w = 24.9 \Omega m$
2	38 – 51	13	Good	
3	65 – 73	8	Good	
4	87 – 93	6	Good	
5	105 – 115	10	Good	
6	127 – 131	4	Good	
7	140 – 148	8	Good	

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

CC :

1.M/S NCC Sitapur

Verified as per
logs provided
Note - S₁ No 6-128-131
(3m)
G. S. Singh
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(A.K. Singh)
Geophysicist