



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/397

Date : 21.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Majhigawan, Block - Hargaon
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 21.01.23

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	33 – 37	4	Good	$R_{mf} = 23.7 \Omega m$ $R_w = 25.2 \Omega m$
2	45 – 57	12	Good	
3	62 – 67	5	Good	
4	71 – 77	6	Good	
5	79 – 85	6	Good	
6	96 – 103	7	Good	
7	122 – 128	6	Good	
8	138 – 145	7	Good, highly kankar mixed	
9	154 – 157	3	Good, Intermixed fine bands of kankar	

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

CC :

1.M/S NCC Sitapur

*Verified as per logs provided.
Note - Sr No 7 - 144 - 149 (5m) H.K.I.
G.C.S.
23/01/23*

Amish

(A.K. Singh)
Geophysicist