



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/375

Date : 11.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Harraiya & Tikra, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~167~~ mbgl

Date of Logging : 11.01.23

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	39 – 47	8	Good	$R_{mf} = 26.1 \Omega m$ $R_w = 27.3 \Omega m$
2	52 – 62	10	Good	
3	74 – 80	6	Good	
4	83 – 91	8	Good	
5	95 – 101	6	Good, Intermixed fine bands of kankar	
6	111 – 121	10	Good, Intermixed fine bands of kankar	
7	125 – 138	13	Good, Intermixed fine bands of kankar	
8	144 – 151	7	Good, Intermixed fine bands of kankar	
9	159 – 163	4	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.
G.C.
12/01/23*



(A.K. Singh)
Geophysicist