



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/299

Date : 07.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kinhoti, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 07.12.22

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 – 30	5	Good	$R_{mf} = 27.1 \Omega m$ $R_w = 28.4 \Omega m$
2	37 – 46	9	Good	
3	50 – 53	3	Good	
4	60 – 69	9	Good	
5	72 – 77	5	Good	
6	90 – 97	7	Good	
7	107 – 115	8	Good	
8	120 – 128	8	Good	
9	133 – 136	3	Good	
10	140 – 145	5	Good	

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 - 107-114 (7m)
Sr No 10 - have fine sediments
Gish
08/12/22

A. K. Singh

(A. K. Singh)
Geophysicist