



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/442

Date : 09.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 160 mbgl

Date of Logging : 09.02.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron

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 - 52	13	Good	$R_{mf} = 23.4 \Omega m$ $R_w = 25.1 \Omega m$
2	57 - 66	9	Good	
3	84 - 92	8	Good	
4	95 - 98	3	Good	
5	104 - 116	12	Good, intermixed kankar bands	
6	129 - 138	9	Good	
7	149 - 157	8	Good	

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

C C :

1.M/S NCC Sitapur

Verified as per logs provided.
↓
G.S.H.
10/02/23

A. K. Singh

(A.K. Singh)
Geophysicist