



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/409

Date : 27.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~168~~ mbgl

Date of Logging : 27.01.23

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	25 – 30	10	Good	$R_{mf} = 25.3 \Omega m$ $R_w = 26.7 \Omega m$
2	44 – 58	14	Good – Highly kankar Intermixed	
3	65 – 76	11	Good	
4	89 – 93	4	Good	
5	100 – 112	12	Good	
6	136 – 155	19	Good, intermixed fine bands of kankar	

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

CC :

I.M/S NCC Sitapur

*Verified as per logs provided.
Note - Sr No 3 - 68 - 76 (2 m)
G.Sh
25/01/23*

Dr. Singh

(A.K. Singh)
Geophysicist