



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/317

Date : 15.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Umeri Shadipur, Block - Parsendi
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165 mbgl~~ *156 mbgl*

Date of Logging : 15.12.22

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	20 – 33	13	Good	$R_{mf} = 24.2 \Omega m$ $R_w = 26 \Omega m$
2	40 – 45	5	Good	
3	47 – 53	6	Good	
4	56 – 62	6	Good	
5	65 – 75	10	Good, intermixed with kankar bands	
6	85 – 90	5	Good	
7	97 – 105	8	Good, intermixed with kankar bands	
8	130 – 135	5	Good	
9	140 – 147	7	Good, intermixed with kankar bands	

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

CC :
M/S NCC Sitapur

Verified as per logs provided.
G.S.
16/12/22



(A.K. Singh)
Geophysicist