



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/269

Date : 23.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ramdwari Unera, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 23.11.22

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

Logger Used : ~~IGIS~~

Presence : Representative of M/S NCC Sitapur

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 – 26	6	Good	$R_{mf} = 24.3 \Omega m$ $R_w = 26.2 \Omega m$
2	37 – 44	7	Good	
3	48 – 58	10	Good, Intermixed kankar bands	
4	70 – 78	8	Good, Intermixed kankar bands	
5	80 – 83	3	Good	
6	87 – 96	9	Good, Intermixed kankar bands	
7	105 – 118	13	Good, Intermixed kankar bands	
8	121 – 124	3	Good	
9	130 – 142	12	Good, Intermixed kankar bands	
10	147 – 151	4	Good, Intermixed kankar bands	

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

C C :

M/S NCC Sitapur.

Verified as per logs provided.

ASSISTANT GEOLOGIST
CIRCLE OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Dr. K. Singh

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