



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/242

Date : 06.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~168 mbgl~~

Date of Logging : 06.11.22

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

Logger Used : ~~Uptron~~

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	27 – 33	6	Good	$R_{mf} = 33.1 \Omega m$ $R_w = 34.9 \Omega m$
2	41 – 46	5	Good	
3	61 – 70	9	Good	
4	79 – 87	8	Good, Intermixed kankar bands	
5	97 – 102	5	Good, Intermixed kankar bands	
6	109 – 137	28	Good, Intermixed kankar bands	
7	140 – 144	4	Good	
8	150 – 160	10	Good, Intermixed kankar bands	

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 4 may consider as 79-84 (5m).*

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