



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/277

Date : 27.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Paharpur, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 27.11.22

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	21 – 27	6	Good	R _{mf} = 26.6 Ωm R _w = 28.1 Ωm
2	35 – 48	13	Good, Intermixed kankar bands	
3	55 – 62	7	Good, Intermixed kankar bands	
4	70 – 77	7	Good, Intermixed kankar bands	
5	87 – 90	3	Good, Intermixed kankar bands, Fine sand	
6	123 – 128	5	Good, Intermixed kankar bands	
7	142 – 149	7	Good, Intermixed kankar bands	
8	150 – 156	6	Good, kankar intermixed	

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

C C :

1. M/S NCC Sitapur

*Verified and logs provided
Note - Sr No. 70-74
(4 m)
GSh
28/11/22*



(A.K. Singh)
Geophysicist