



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/507

Date : 20.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Ranni Nagar & Umariya, Block - Rampur Mathura
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 20.03.23

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	21 – 27	6	Good	$R_{mf} = 32 \Omega m$ $R_w = 34.1 \Omega m$
2	40 – 45	5	Good	
3	50 – 56	6	Good	
4	66 – 72	6	Good	
5	87 – 100	13	Good	
6	110 – 130	20	Good	
7	140 – 150	10	Good	

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 5, 6 and 7 are highly intermixed with kankar.*

*G.Sh
21/03/23*



(A.K. Singh)
Geophysicist