



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/342

Date : 28.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Korauna, Block - Gondalamau
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~152~~ mbgl

Date of Logging : 28.12.22

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	25 – 30	5	Good	$R_{mf} = 28.1 \Omega m$ $R_w = 30 \Omega m$
2	38 – 48	10	Good	
3	55 – 65	10	Good	
4	84 – 87	3	Good	
5	102 – 107	5	Good, intermixed with kankar bands	
6	111 – 116	5	Good, intermixed with kankar bands	
7	122 – 131	9	Good, intermixed with kankar bands	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 131 mbgl.

CC :

1.M/S NCC Sitapur

*Verified as per logs provided.
Note - Sr No 4-84-86 (4m)
Sr No-5 - have finer sediments.
G.S.
29/12/22*



(A.K. Singh)
Geophysicist