



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/291

Date : 05.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Balpur, Block - Gondalaman
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 05.12.22

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	20 – 25	5	Good	$R_{mf} = 26 \Omega m$ $R_w = 28.2 \Omega m$
2	27 – 30	3	Good	
3	41 – 44	3	Good	
4	48 – 55	7	Good	
5	75 – 84	9	Good	
6	93 – 98	5	Good, Intermixed kankar bands	
7	101 – 104	3	Good, Intermixed kankar bands	
8	107 – 110	3	Good, Intermixed kankar bands	
9	114 – 120	6	Good, Intermixed kankar bands	
10	130 – 137	7	Good	
11	147 – 152	5	Good, highly kankar mixed	

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

C C :

1. M/S NCC Sitapur

Verified as per logs provided.
GSh
07/12/22

Arsh

(A.K. Singh)
Geophysicist