



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/452

Date : 11.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Badkherwa, Block - Hargaon
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 11.02.23

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

Logger Used : JGIS

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 – 38	13	Good	$R_{mf} = 23.9 \Omega m$ $R_w = 25.2 \Omega m$
2	44 – 52	8	Good	
3	58 – 67	9	Good	
4	70 – 78	8	Good	
5	89 – 93	4	Good	
6	101 – 107	6	Good, intermixed kankar bands	
7	145 – 157	12	Good, intermixed kankar bands	

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

C C :

I.M/S NCC Sitapur

Verified as per logs provided.
↓
G.S.
12/02/23



(A.K. Singh)
Geophysicist