



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/316

Date : 15.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khairendesh, Block - Kasmanda
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 15.12.22

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	30 – 36	6	Good	$R_{mf} = 29.2 \Omega m$ $R_w = 30.6 \Omega m$
2	46 – 52	6	Good	
3	55 – 58	3	Good	
4	61 – 66	5	Good	
5	81 – 86	5	Good, intermixed with kankar bands	
6	90 – 101	11	Good, intermixed with kankar bands	
7	106 – 120	14	Good, intermixed with kankar bands	
8	135 – 142	7	Good	

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

CC :
M/S NCC Sitapur

*Verified as per
logs provided.
G.Sh
16/12/22*

A.K. Singh

(A.K. Singh)
Geophysicist