



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/Prayagraj/3

Date : 08.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Bagheri, Block - Pratap Pur
Distt. - Prayagraj

Logged Depth : ~~164 mbgl~~

Date of Logging : 08.04.23

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

Logger Used : ~~Upton~~

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_{mt} & R_w
1	56-62	6	Good	$R_{mt} = 22 \Omega m$ $R_w = 23.6 \Omega m$
2	69-73	4	Good	
3	78-84	6	Good	
4	86-90	4	Good	
5	110-114	4	Good	
6	122-128	6	Good	
7	136-143	7	Good	
8	148-152	4	Good	
9	156-163	7	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor from 14 mbgl to 44 mbgl. Intercolation of clay kankar exist from 44 mbgl to 54 mbgl.

Verified as per logs provided.

G. Sh

10/06/23

