

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/23

Date : 19.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bibiyapur Thana, Block - Siddhaur
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : ~~165~~ mbgl

Date of Logging : 19.12.22

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)	Types of strata	R_{mf} & R_w
1	33 – 50	17	Good, Intermixed kankar bands	$R_{mf} = 28.6 \Omega m$
2	52 – 62	13	Good, Intermixed kankar bands	$R_w = 29.7 \Omega m$
3	98 – 112	14	Good, Intermixed kankar bands	
4	120 – 125	5	Good, Finer sediments	
5	74 – 81	7	Good – <i>Fine to Very fine sand</i>	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper good zone has encountered below 125 mbgl.~~

Verified as per logs provided.
G. Sh
19/12/22

