



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Fatehpur/59

Date : 04.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mohanpur, Block – Bahua
Distt. – Fatehpur

Logged Depth : 185 mbgl

Date of Logging : 04.12.22

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



Logger Used : Uptron

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	35 – 40	5	Good	$R_{mf} = 21.3 \Omega m$ $R_w = 23.1 \Omega m$
2	45 – 52	7	Good	
3	54 – 57	3	Good	
4	70 – 76	6	Good	
5	83 – 90	7	Good, intermixed kankar bands	
6	102 – 107	5	Good, intermixed kankar bands	
7	109 – 116	7	Good, highly kankar mixed	
8	127 – 134	7	Good, intermixed kankar bands	
9	140 – 143	3	Good to moderate	
10	149 – 152	3	Good to moderate	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 160 mgl to till depth logged.

165
Verified as per
logs provided
Note - Sr Nos. 83-89
(6m)
G.Sh
05/12/22



(G.S. Singh)
Geophysicist