

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : [sl.amaresh11@gmail.com](mailto:sl.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Basti/14

Date : 03.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sukrauli Choudhary, Block – Harraiya  
Distt. – Basti

Drilling Depth : 140 mbgl – as reported by Driller

Logged Depth : 135 mbgl

Date of Logging : 03.12.22

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 strara	$R_{mf}$ & $R_w$
1	20 – 32	12	Good	$R_{mf} = 22 \Omega m$ $R_w = 22.9 \Omega m$
2	40 – 52	12	Good, Intermixed kankar bands	
3	59 – 73	14	Good, Intermixed kankar bands	
4	78 – 84	6	Good, Intermixed kankar bands	
5	126 – 129	3	Good	

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

CC :

1. Megha Engineering & Infrastructure Limited

*Verified as per logs provided.*  
G.S. Singh  
05/12/22

*Asst*  
  
(A.K. Singh)  
Geophysicist