



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: TDMA/WWP/JR/725

Date: 25-12-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Chagera Mangera, Block – Semariyawan,
Distt. – Sant Kabir Nagar

Drilling Depth (m) : 165.00 mbgl as reported by Driller

Logged Depth (m) : 154.30 mbgl

Date of Logging : 25.12.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Jackson-Vishvaraj-JV.,

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	16 – 20	4	Good	R _{mf} = 24.10 Ωm R _w = 25.71 Ωm
2	24 – 30	6	Good	
3	37 – 46	9	Good	
4	50 – 57	7	Good	
5	62 – 76	14	Good	
6	80 – 84	4	Good	
7	96 – 101	5	Good	
8	113 – 116	3	Good	
9	126 – 134	8	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 134 mbgl to till depth logged,



(A.K. Singh)
Geophysicist