## **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/284

Date: 11-07-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location

: Village - Mahadeva, Block - Nath Nagar,

Distt. - Sant Kabir Nagar

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

Logged Depth (m) : 160.00 mbgl

Date of Logging

: 11.07.2023

**Types of Log** 

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

Logger Used

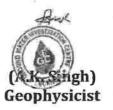
: Robertson Geologging.,

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 Strara	R <sub>mf</sub> & R <sub>w</sub>
1	34 – 46	12	Good	$\mathbf{R}_{\mathbf{mf}} = 20.32 \ \Omega \mathbf{m}$
2	54 – 62	8	Good	$\mathbf{R_w} = 23.14 \Omega \mathrm{m}$
3	84 – 87	3	Good	1
4	108 – 116	8	Good	1
5	122 – 130	8	Good	1
6	140 – 146	6	Good	

Remark: 1. Almost all zones are intermixed with fine bands of kankar.



.00		