

## **GROUND WATER INVESTIGATION CENTRE**

## (Ground Water Assessment & Allied Services)

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

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/46

Date: 22.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location

: Village - Chandramau Mango, Block - Mawai

Distt. – Ayodhya

**Drilling Depth** 

: 170 mbgl as Reported by Driller

**Logged Depth** 

: 165 mbgl

**Date of Logging** 

: 22.11.22

**Types of Log** 

: S.P. & Resistivity (Normal & Lateral)

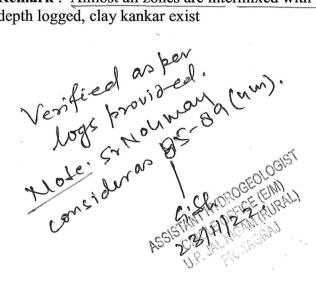
Logger Used

: Uptron

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl.	Depth Range	Thickness	Types of strara	R <sub>mf &amp;</sub> R <sub>w</sub>
No.	(m, bgl)	(m)	4	
1	30 – 36	6	Good	$R_{mf=26.2\Omega m}$
2	55 - 62	7	Good, Intermixed kankar bands	$R_{\rm w} = 27.7 \Omega {\rm m}$
-3	69 – 79	10	Good, Highly kankar mixed	
(A)	82 - 88	6	Good, Intermixed kankar bands	

Remark: Almost all zones are intermixed with fine bands of kankar. Below 90m to till depth logged, clay kankar exist



(A.K. Singh) Geophysicist