



# 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](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/136

Date : 15.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Mujaffarpur, Block – Rudauli  
Distt. – Ayodhya

**Drilling Depth** : 175 mbgl as Reported by Driller

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 15.01.23

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

**Logger Used** : ~~Optron~~

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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	28 – 35	7	Good	<del>R<sub>mf</sub> = 28.3 Ωm R<sub>w</sub> = 30.1 Ωm</del>
<del>2</del>	44 – 54	10	Good, Kankar intermixed	
<del>3</del>	65 – 90	25	Good, Intermixed kankar bands	
<del>4</del>	95 – 105	10	Good, Intermixed kankar bands	
<del>5</del>	110 – 116	6	Good	
<del>6</del>	122 – 126	4	Good	
<del>7</del>	162 – 167	5	Good, Intermixed kankar bands	

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

CC : M/S Universal MEP Projects & Engg. Service Ltd. Ayodhya.

Verified as per  
Logs provided.  
G. S. Singh  
16/01/23

  
  
(G. S. Singh)  
Geophysicist