



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/140

Date : 18.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Ramnagar Dhaurahara, Block – Sohawal  
Distt. – Ayodhya

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

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

**Date of Logging** : 18.01.23

**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 strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>30 – 45</del>	<del>15</del>	<del>Good</del>	<del>R<sub>mf</sub> = 24.3 Ωm R<sub>w</sub> = 25.2 Ωm</del>
<del>2</del>	<del>51 – 57</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>69 – 77</del>	<del>8</del>	<del>Good</del>	
<del>4</del>	<del>79 – 84</del>	<del>5</del>	<del>Good</del>	
<del>5</del>	<del>92 – 103</del>	<del>11</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>6</del>	<del>112 – 119</del>	<del>7</del>	<del>Good</del>	
<del>7</del>	<del>122 – 125</del>	<del>3</del>	<del>Good</del>	
<del>8</del>	<del>137 – 145</del>	<del>8</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>9</del>	<del>152 – 157</del>	<del>5</del>	<del>Good, Intermixed fine bands of kankar</del>	

**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.  
19/01/23

  
  
(A.K. Singh)  
Geophysicist