



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Ayodhya/132

Date : 12.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl as Reported by Driller

**Logged Depth** : ~~167~~ mbgl

**Date of Logging** : 12.01.23

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

**Logger Used** : ~~Upton~~



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>25 – 45</del>	<del>20</del>	<del>Good</del>	<del>R<sub>mf</sub> = 24.7 Ωm R<sub>w</sub> = 26 Ωm</del>
<del>2</del>	<del>50 – 56</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>70 – 77</del>	<del>7</del>	<del>Good</del>	
<del>4</del>	<del>102 – 111</del>	<del>9</del>	<del>Good</del>	
<del>5</del>	<del>115 – 122</del>	<del>7</del>	<del>Good, intermixed kankar bands</del>	
<del>6</del>	<del>135 – 148</del>	<del>13</del>	<del>Good, intermixed kankar bands</del>	
<del>7</del>	<del>152 – 159</del>	<del>7</del>	<del>Good, intermixed kankar bands</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.  
Note - Sr No 4 - 102-109  
(7m)  
G.S.  
13/01/23

  
  
**(A.K. Singh)**  
Geophysicist