



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/200

Date : 03.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl as reported by driller

**Logged Depth** : ~~162 mbgl~~

**Date of Logging** : 03.03.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	20 – 33	13	Good	<del><math>R_{mf} = 21.9 \Omega m</math> <math>R_w = 22.3 \Omega m</math></del>
<del>2</del>	36 – 45	9	Good, intermixed kankar bands	
<del>3</del>	50 – 59	9	Good	
<del>4</del>	65 – 86	21	Good, intermixed kankar bands	
<del>5</del>	92 – 104	12	Good, intermixed kankar bands	
<del>6</del>	110 – 116	6	Good	
<del>7</del>	122 – 134	12	Good	
<del>8</del>	152 – 157	5	Good, Fine sand	


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

CC:

M/S Universal MEP Projects & Eng. Services Ltd, Ayodhya

Verified as per logs provided.  
Note: Sr No 4 - 65-69 (4m)  
79-86 (7m)

G.Sh  
04/03/23

  
  
(A.K. Singh)  
Geophysicist