



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Basti/18

Date : 14.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Rainiya, Block – Kudraha  
Distt. – Basti

**Drilling Depth** : 145 mbgl – as reported by Driller

**Logged Depth** : ~~130~~ mbgl

**Date of Logging** : 14.12.22

**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. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>30 – 38</del>	<del>8</del>	<del>Good</del>	R <sub>mf</sub> = 20 Ωm R <sub>w</sub> = 21.1 Ωm
<del>2</del>	<del>43 – 57</del>	<del>14</del>	<del>Good, Intermixed kankar bands</del>	
<del>3</del>	<del>90 – 100</del>	<del>10</del>	<del>Good, Intermixed kankar bands</del>	
<del>4</del>	<del>112 – 117</del>	<del>5</del>	<del>Good</del>	
<del>5</del>	<del>120 – 125</del>	<del>5</del>	<del>Good, Intermixed kankar bands</del>	

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

CC :

1. Megha Engineering & Infrastructure Limited

Verified as per logs provided.  
Note - SrNo3 - 91-98 (7m)  
SrNo4 - 112-116 (4m)  
SrNo5 - 120-124 (4m)  
Gish  
15/12/22

  
  
(A.K. Singh)  
Geophysicist

