



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Fatehpur/45

Date : 06.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sikrodhi, Block – Malwan  
Distt. – Fatehpur

Logged Depth : 172 mbgl

Date of Logging : 06.11.22

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> | 20 – 34              | 14            | Moderate             | R <sub>mf</sub> = 11.2 Ωm        |
| <del>2</del> | 122 – 135            | 13            | Moderate to marginal | R <sub>w</sub> = 13.8 Ωm         |
| <del>3</del> | 139 – 145            | 6             | Moderate to marginal |                                  |

Remark : ~~Formation~~ water quality is saline in between 40mbgl to 100 mbgl and further below 145 m to till depth logge, quality is marginal to saline.

*Verified as per logs provided.  
Note: Sr No1 may consider as 20-25 (5m) and 30-34 (4m).  
Sr No2 and 3 have finer sediments.*

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