



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/AZMH-10

Date : 03/03/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Diha  
Location : 25.902850, 83.171761  
Block : Mehnagar  
District : Azamgarh  
State : Uttar Pradesh  
Drilling Depth : 170 Mbgl  
Logging Depth : 168 Mbgl  
Rm/Rw : 14/12  
Date of Logging : 02-Mar-2023  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Sudhakar Infratech Pvt Ltd, Azamgarh, Uttar Pradesh  
Representative : Mr. Piyush Sharma

Based on the interpretation of Self Potential(SP), Short Normal(N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only.

| Sl No. | Depth Range (mbgl) | Thickness (meters) | Quality Remarks (in term of Salinity) |
|--------|--------------------|--------------------|---------------------------------------|
| 1      | 26-40              | 16                 | Good                                  |
| 2      | 53-57              | 4                  | Good                                  |
| 3      | 60-64              | 4                  | Good                                  |
| 4      | 75-88              | 13                 | Good                                  |
| 5      | 155-165            | 10                 | Moderate to Marginal                  |

Note: 1. All zones intermixed with thin bands of kankar

2. The formation water is deteriorating from marginal to saline in between 108-140 Mbgl.

*Verified as per logs provided.*

*GSh  
03/03/23*

*[Signature]*  
AllGeo Solutions  
Sanjeet Sharma  
(Hydrogeologist)