



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/AZMH-52

Date : 17/05/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Lachhirampur  
Location : 26.990968, 83.138189  
Block : Rani Ki Sarai  
District : Azamgarh  
State : Uttar Pradesh  
Drilling Depth : 170 Mbgl (Reported By Driller)  
Logging Depth : 150 Mbgl  
Rm/Rw : 19/17  
Date of Logging : 16-May-2023  
Logged By : Mr. Shobhit Srivastava (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Sudhakar Infratech Pvt Ltd, Azamgarh, Uttar Pradesh  
Representative : M/S Square Space Infratech Pvt Ltd

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	36-40	4	Good
2	46-50	4	Good
3	56-63	7	Good
4	96-100	4	Good
5	105-109	4	Good

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

2- The formation water is deteriorating from marginal to saline below 121 Mbgl to till depth logged..

*Verified as per logs provided*  
*G.Sh*  
*17/05/23*

