



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2024/ PRYJ - 436

Date : 08/01/2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Karanpur  
Location : 25.408411, 81.994026  
Block : Bahadurpur  
District : Prayagraj  
State : Uttar Pradesh  
Logging Depth : 161Mbgl  
Rm/Rw : 17/17  
Date of Logging : 08-Jan-2024  
Logged By : Mr. Shobhit Shrivastav (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S L & T Constructions Pvt Ltd, Prayagraj Uttar Pradesh  
Representative : M/S Nitin Tripathi

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      | 16-21              | 5                  | Good                                  |
| 2      | 34-48              | 14                 | Good                                  |
| 3      | 55-58              | 3                  | Good                                  |
| 4      | 64-68              | 4                  | Good                                  |
| 5      | 77-84              | 7                  | Good                                  |
| 6      | 88-95              | 7                  | Good                                  |
| 7      | 105-112            | 7                  | Good                                  |
| 8      | 114-118            | 4                  | Good                                  |
| 9      | 123-130            | 7                  | Good                                  |
| 10     | 140-148            | 8                  | Good                                  |
| 11     | 150-152            | 2                  | Good                                  |

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

2- Sr. No. 3 is fine sand in nature.

  
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Sanjeet Sharma  
(Hydrogeologist)