



# AllGeo Solutions

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Ref. No. : AGS/EL/2024/ PRYJ -470  
Date : 13/02/2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Bhawanapur  
Location : 25.66752, 82.025203  
Block : Bahariya  
District : Prayagraj  
State : Uttar Pradesh  
Logging Depth : 165 Mbgl  
Rm/Rw : 9/8  
Date of Logging : 12-February-2024  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S L & T Constructions Pvt Ltd, Prayagraj Uttar Pradesh  
Representative : Mr. Ashish Mishra

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	10-14	4	Good
2	20-25	5	Good
3	37-41	4	Moderate
4	111-120	9	Good to Moderate
5	144-151	7	Moderate
6	156-160	4	Moderate

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

2- The formation water quality is marginal to saline in between 58-108Mbgl and a thin clay kankar intercalation is present in between 108-111Mbgl.

3- Sr no 3 is very fine sand kankar intermixed in nature.

4- Sr no 5 is fine sand in nature.

  
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Sanjeet Sharma  
(Hydrogeologist)

