



# AllGeo Solutions

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Ref. No. : AGS/EL/2023/PRYJ-234  
Date : 01/09/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Mohamadabad Urf Mialwan  
Location : 25.634215, 82.107458  
Block : Phulpur  
District : Prayagraj  
State : Uttar Pradesh  
Logging Depth : 167 Mbgl  
Rm/Rw : 12/10  
Date of Logging : 01-Sep-2023  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj  
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	19-23	4	Good
2	32-35	3	Marginal
3	102-105	3	Moderate
4	109-119	10	Moderate
5	126-130	4	Moderate
6	135-138	3	Moderate
7	147-154	7	Moderate
8	164-167	3	Good

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

2- Sr no 4 and 7 are highly kankar intermixed.

3-The formation water quality is deteriorating in between 53-77Mbgl and a prominent clay kankar intercalation lies in between 77-101 Mbgl.

  
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Sanjeet Sharma  
(Hydrogeologist)

