



# AllGeo Solutions

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Ref. No. : AGS/EL/2023/PRGH-154

Date : 21/10/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Kaulapur Nandpatti  
Location : 25.75702, 81.97284  
Block : Gaura  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 260 Mbgl  
Rm/Rw : 16/14  
Date of Logging : 20-Oct-2023  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh  
Representative : M/S Bhangu Engineering

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	22-26	4	Good
2	38-42	4	Good
3	45-48	3	Good
4	52-54	2	Good
5	155-159	4	Moderate
6	175-182	7	Good
7	186-192	6	Good
8	196-202	6	Good

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

2- The formation water quality is deteriorated from marginal to saline in between 64-130Mbgl and below 206 Mbgl to till depth logged.

3- A clay kankar intercalation lies in between 130-138Mbgl and 170-172Mbgl .

4- Sr no 6,7,8 are highly kankar intermixed.

  
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Sanjeet Sharma  
(Hydrogeologist)

