



# AllGeo Solutions

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Ref. No. : AGS/EL/2023/PRGH-145

Date : 16/10/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sindhaur  
Location : 25.900689, 81.806002  
Block : Laxmanpur  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 292 Mbgl  
Rm/Rw : 16/16  
Date of Logging : 15-Oct-2023  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh  
Representative : M/S Mosim Raza

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	25-28	3	Good
2	35-38	3	Good
3	52-58	6	Good
4	62-65	3	Good
5	85-91	6	Moderate


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

2- Sr no 1 and 2 are fine sand in nature.

3- Sr no 4 is fine to very fine sand in nature.

4- Sr no 5 is highly kankar intermixed.

5- The formation water quality is deteriorating from marginal to saline below 129Mbgl to till depth logged.

  
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Sanjeet Sharma  
(Hydrogeologist)