



# AllGeo Solutions

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Ref. No. : AGS/EL/2023/PRGH-181

Date : 09/11/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Pure Sukhdev and Bagiyapur WSS  
Location : 25.751449, 81.77796  
Block : Mandhata  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 195 Mbgl  
Rm/Rw : 15/12  
Date of Logging : 08-Nov-2023  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh  
Representative : Mr. 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	16-23	7	Good
2	36-40	4	Good
3	44-53	9	Good
4	68-72	4	Good
5	89-96	7	Good
6	186-194	8	Moderate

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

2- The formation water quality is deteriorating from marginal to saline in between 117-182Mbgl and a clay kankar intercalation present in between 183-186Mbgl.

3- Sr no 4 fine sand in nature and Sr no 6 kankar intermixed.

  
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Sanjeet Sharma  
(Hydrogeologist)

