



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/PRGH-119

Date : 23/09/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Pure Biswan  
Location : 25.798916, 81.780075  
Block : Mandhata  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 242 Mbgl  
Rm/Rw : 26/28  
Date of Logging : 22-September-2023  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Kalptaru Projects International, Pratapgarh Uttar Pradesh  
Representative : M/S Shree Mata Ji Buildcon

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	13-16	3	Good
2	24-34	10	Good
3	42-45	3	Good
4	170-174	4	Good
5	183-188	5	Good
6	197-203	6	Good
7	212-217	5	Good

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

2- The formation water quality is deteriorating from Marginal to saline in between 60-138 Mbgl.

3- Clay Kankar Interaction lies in between 160-167 Mbgl.

4- No proper granular zones encountered below 217 mbgl to till depth logged.

  
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Sanjeet Sharma  
(Hydrogeologist)

