



# AllGeo Solutions

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Ref. No. : AGS/EL/2024/ PRGH - 300  
Date : 26/02/2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Atri Sujha  
Location : 25.710383, 82.063985  
Block : Gaura  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 312Mbgl  
Rm/Rw : 13/13  
Date of Logging : 25-Feb-2024  
Logged By : Mr. Shobhit Shrivastav (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, Uttar Pradesh  
Representative : M/S Tejash Borewell Company

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:

SI No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	20-37	17	Good
2	122-126	4	Moderate
3	133-137	4	Good
4	172-176	4	Good
5	193-197	4	Good
6	203-210	7	Good
7	220-224	4	Good
8	227-237	10	Good
9	255-259	4	Moderate to Marginal

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

2- Sr. No . 1 & 5 are highly kankar intermixed.

3- The formation water quality is deteriorating from marginal to saline below 272Mbgl to till depth logged.

4- A prominent clay layer lies in between 126-132Mbgl.

  
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Sanjeet Sharma  
(Hydrogeologist)

