



# AllGeo Solutions

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Ref. No. : AGS/EL/2023/ PRGH - 115  
Date : 21/09/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Rangoli  
Location : 25.822181, 81.944541  
Block : Mandhata  
District : Pratapgarh  
State : Uttar Pradesh  
Logging Depth : 254Mbgl  
Rm/Rw : 06/05  
Date of Logging : 20-September-2023  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S JMC Pratapgarh, Uttar Pradesh  
Representative : M/S Amarendra Enterprises

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	80-84	4	Good
2	91-95	4	Good
3	109-117	8	Good
4	125-129	4	Good
5	136-143	7	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 42-69 Mbgl and below 160 Mbgl to till depth logged.

3- A Prominent clay layer present in between 69-79 Mbgl.

  
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