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Ref. No. : AGS/EL/2024/ PRGH - 310
Date : 07/03/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sumerpur
Location : 25.733285, 81.863685
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 234 Mbgl
Rm/Rw : 9/12
Date of Logging : 05-March-2024
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, 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	32-36	4	Good
2	41-45	4	Good
3	66-69	3	Moderate

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

2- Sr. No . 3 is fine sand in nature..

3- The formation water quality is deteriorating from marginal to saline below 108Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)

