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Ref. No. : AGS/EL/2023/ PRGH - 143
Date : 14/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Kothhara
Location : 25.757270, 82.129363
Block : Gaura
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 234Mbgl
Rm/Rw : 13/11
Date of Logging : 13-10-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpatru Projects Limited, Pratapgarh Uttar Pradesh
Representative : M/S Fekanijee infratech private limited


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	24-30	6	Good
2	37-40	3	Moderate
3	207-210	3	Moderate
4	222-226	4	Moderate

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

2- Sr. No. 2 and 4 are fine to very fine sand in nature.

3. The formation water quality is deteriorating from marginal to saline in between 66-199 Mbgl
A clay kankar intercalation present in between 201-206Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

