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Ref. No. : AGS/EL/2023/ PRGH -216
Date : 19/12/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Tikari
Location : 25.830919, 81.877495
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 305 Mbgl
Rm/Rw : 11/14
Date of Logging : 18-Dec-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh
Representative : M/S Bhagwati Traders


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	28-35	7	Good
2	48-51	3	Good
3	62-69	7	Good
4	88-95	7	Good
5	103-107	4	Good

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

2- The formation water quality is deteriorating from marginal to saline below 128Mbgl to till depth logged.

3- Sr no 2 and 3 are very fine to fine sand in nature.


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Sanjeet Sharma
(Hydrogeologist)

