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Ref. No. : AGS/EL/2023/FTP-210
Date : 06/10/2023


GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Bhadar
Location : 25.77689, 81.232435
Block : Airayan
District : Fatehpur
State : Uttar Pradesh
Logging Depth : 120 Mbgl
Rm/Rw : 5/4.5
Date of Logging : 06-Oct-2023
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Baba GA Infra (JV) Fatehpur, Uttar Pradesh
Representative : M/S Amar Tubewell

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	44-50	6	Moderate
2	78-84	6	Moderate
3	97-101	4	Good
4	108-112	4	Good

Note: 1- All zones intermixed with thin bands of kankar
2- Sr No. 1 kankar intermixed.
3- The formation water quality is deteriorating in between 14-34 Mbgl
4- A clay kankar intercalation present in between 34-40Mbgl and a prominent clay layer is present in between 54-78 Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

