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Ref. No. : AGS/EL/2024/PRGH-292
Date : 16/02/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT


Site Name : Kailideeh
Location : 25.752362, 82.174526
Block : Gaura
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 252 Mbgl
Rm/Rw : 8/10
Date of Logging : 15-Feb-2024
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh
Representative : M/S Fekanijee Infratech Pvt Ltd

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	20-30	10	Good
2	44-48	4	Good
3	218-222	4	Moderate
4	244-251	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 64-200Mbgl. A clay kankar intercalation present in between 200-206Mbgl and a prominent clay layer is present in between 216-218Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

