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Ref. No. : AGS/EL/2024/ PRGH - 312
Date : 09/03/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT


Site Name : Jagatpur
Location : 25.746558, 82.181847
Block : Gaura
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 258 Mbgl
Rm/Rw : 4/4
Date of Logging : 8-March-2024
Logged By : Mr. Shobhit Shrivastav (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, Uttar Pradesh
Representative : M/S Fekanjee 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	187-192	5	Moderate
2	206-209	3	Moderate
3	226-228	2	Moderate
4	238-244	6	Good to Moderate
5	246-249	3	Good to Moderate

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

2- The formation water quality is deteriorating from marginal to saline in between 22-165Mbgl and clay kankar intercalation lies in between 165-187Mbgl


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Sanjeet Sharma
(Hydrogeologist)

