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Ref. No. : AGS/EL/2024/ PRGH - 298
Date : 22/02/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Barsanda
Location : 25.756396, 81.905458
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 259Mbgl
Rm/Rw : 10/10
Date of Logging : 21-Feb-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 Amarendra Enterprises

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:

SI No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	25-28	3	Moderate
2	47-50	3	Moderate to Marginal
3	161-165	4	Good
4	176-184	8	Moderate
5	198-202	4	Moderate to Marginal

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

2- The formation water quality is deteriorating from marginal to saline in between 64-150Mbgl and below 204Mbgl.

3- A clay kankar intercalation is present in between 150-160Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

