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Ref. No. : AGS/EL/2024/ PRGH - 275
Date : 29/01/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sarai Murari Singh
Location : 25.840934, 81.898079
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 278Mbgl
Rm/Rw : 13/10
Date of Logging : 28-Jan-2024
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, 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	18-23	5	Good
2	26-30	4	Good
3	44-47	3	Good
4	88-96	8	Good
5	120-128	8	Good
6	136-140	4	Good
7	145-147	2	Good

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

2- Sr. No. 2 is fine sand in nature and highly kankar intermixed.

3- Sr. No. 4 is highly kankar intermixed.

4- The formation water quality is deteriorating from marginal to saline below 151Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)



