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Ref. No. : AGS/EL/2024/ PRGH - 279
Date : 04/02/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Gauhani Pachkara — I
Location : 26.056024, 81.750294
Block : Sandwa Chandrika
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 140 Mbgl
Rm/Rw : 12/15
Date of Logging : 03-February-2024
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Powermach Projects India Ltd, Pratapgarh, Uttar Pradesh
Representative : M/S Chitra Constructions


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	15-18	3	Good
2	29-35	6	Good
3	64-68	4	Good
4	82-86	4	Good
5	88-91	3	Good
6	95-99	4	Good
7	110-113	3	Moderate

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

2- Sr. No. 4,5 are fine sand in nature.

3- The formation water quality is deteriorating from marginal to saline below 118Mbgl to till depth logged.


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