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Ref. No. : AGS/EL/2024/ PRGH - 254
Date : 09/01/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Basupur Barista TW 02
Location : 25.957217, 81.862189
Block : Sandwa Chandrika
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 146Mbgl
Rm/Rw : 12/13
Date of Logging : 08-Jan-2024
Logged By : Mr. Shobhit Shrivastav (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Powermach Projects India, Pratapgarh Uttar Pradesh
Representative : M/S Chitra construction


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	16-20	4	Good
2	27-31	4	Good
3	47-54	7	Good
4	87-90	3	Moderate
5	94-98	4	Moderate to Marginal

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

2- Sr. No. 5 is fine sand in nature and highly kankar intermixed.

3- The formation water quality is deteriorating from marginal to saline below 110Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)

