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Ref. No. : AGS/EL/2024/ PRGH - 302
Date : 27/02/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Rampur Kotwa
Location : 25.672172, 81.647858
Block : Bihar
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 255Mbgl
Rm/Rw : 14/17
Date of Logging : 26-Feb-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 H C V Construction 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	38-42	4	Good
2	53-56	3	Good
3	62-78	16	Good
4	102-106	4	Good
5	117-124	7	Good
6	130-137	7	Good
7	144-148	4	Good
8	154-161	7	Good
9	170-180	10	Good
10	185-192	7	Good


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

2- Sr. No . 2 is very fine to fine sand in nature.

3-. Sr. No. 6 is highly kankar intermixed.

4- Sr. No. 5, 7 & 8 are fine sand to medium sand in nature.

5- The formation water quality is deteriorating from marginal to saline below 206Mbgl to till depth logged


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