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Ref. No. : AGS/EL/2023/PRGH-135

Date : 08/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT


Site Name : Sarai Nahar Rai
Location : 25.818877, 81.844730
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 153 Mbgl
Rm/Rw : 15/14
Date of Logging : 07-Oct-2023
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh
Representative : Mr. Nitin Tripathi

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	21-33	12	Good
2	37-40	3	Good
3	44-47	3	Good
4	59-66	7	Good
5	73-80	7	Good
6	83-87	4	Good

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

2- The formation water quality is deteriorated from marginal to saline in below 106Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)

