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Ref. No. : AGS/EL/2023/PRGH-155

Date : 21/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Khalispur
Location : 25.738444, 81.919484
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 224 Mbgl
Rm/Rw : 14/11
Date of Logging : 20-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 : M/S Amrendra Enterprises


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	18-28	10	Good
2	31-34	3	Good
3	38-41	3	Good

Note: 1- All zones intermixed with thin bands of kankar and sr no 1 highly kankar intermixed.

2- The formation water quality is deteriorating from marginal to saline below 72Mbgl to till depth logged .

3- Sr no 2,3 are fine to very fine sand in nature


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Sanjeet Sharma
(Hydrogeologist)

