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Ref. No. : AGS/EL/2023/ PRGH -233

Date : 27/12/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT


Site Name : Purab Patti
Location : 26.031946, 81.980496
Block : Mangraura
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 145 Mbgl
Rm/Rw : 15/18
Date of Logging : 26-Dec-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. Vama Engineering

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	16-23	7	Good
2	37-41	4	Good

Note: 1- Both zones are fine sand intermixed with kankar

2- The formation water quality is deteriorating from marginal to saline below 53Mbgl to till depth logged .


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Sanjeet Sharma
(Hydrogeologist)