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Ref. No. : AGS/EL/2023/PRYJ-393
Date : 10/12/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT


Site Name : Mardanpur
Location : 25.463108 , 81.859640
Block : Bhagwatpur
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 166 Mbgl
Rm/Rw : 4/11
Date of Logging : 9-December-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
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	44-48	4	Good
2	55-59	4	Good
3	75-82	7	Good
4	108-115	7	Good
5	137-144	7	Moderate

Note: 1- All zones intermixed with thin bands of kankar sr no 4 kankar intermixed.

2- The formation water quality is deteriorating from marginal to saline below 148Mbgl to till depth logged .


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Sanjeet Sharma
(Hydrogeologist)

