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Ref. No. : AGS/EL/2023/PRYJ-321
Date : 19/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Meerakpur
Location : 25.602132, 82.011211
Block : Bahariya
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 200 Mbgl
Rm/Rw : 12/11
Date of Logging : 18-Oct-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:

SI No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	16-21	5	Good
2	55-68	13	Good
3	168-178	10	Moderate

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

2- The formation water quality is deteriorating from marginal to saline in between 102-168Mbgl.

3- A clay kankar intercalation lies in between 162-168Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

