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Ref. No. : AGS/EL/2023/PRYJ-297
Date : 10/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Kahli
Location : 25.651654, 81.996145
Block : Baharia
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 196 Mbgl
Rm/Rw : 10/8
Date of Logging : 09-Oct-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : Mr. Purushottam Sharma


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	22-25	5	Good to Moderate
2	37-40	3	Moderate

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

2- The formation water is deteriorating from marginal to saline below 82Mbgl to till depth logged .

3- No proper granular zones encountered in between 40-82 Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

