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Ref. No. : AGS/EL/2023/PRYJ-271

Date : 28/09/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Maharchha
Location : 25.498862, 82.29759
Block : Pratappur
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 160 Mbgl
Rm/Rw : 6.5/6.5
Date of Logging : 27-Sep-2023
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : M/S Shree Sai Constructions


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	98-104	6	Good
2	106-110	4	Good
3	113-117	4	Good
4	127-131	4	Good
5	140-151	11	Good
6	156-160	4	Good

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

2- The formation water quality is deteriorating in between 33-90 .

3- A Clay kankar layer is present in between 91-95 Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

