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Ref. No. : AGS/EL/2023/PRYJ-258

Date : 25/09/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Madari
Location : 25.715798, 81.845578
Block : Mauaima
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 157 Mbgl
Rm/Rw : 22/27
Date of Logging : 24-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 L B Traders

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	24-26	2	Good
2	35-46	11	Good
3	134-138	4	Moderate
4	142-148	6	Moderate

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

2- Sr No 3 and 4 are kankar intermixed.

3- The formation water quality is deteriorating from marginal to saline in between 58-123Mbgl

4- Clay Kankar layer is present in between 123-134Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

