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Ref. No. : AGS/EL/2023/PRYJ- 351

Date : 02/11/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Mohammadpur Hathga
Location : 25.526348, 81.805317
Block : Soraon
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 118Mbgl
Rm/Rw : 08/7.5
Date of Logging : 01-Nov-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Constructions Pvt Ltd, Prayagraj Uttar Pradesh
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	74-78	4	Good
2	80-83	3	Good
3	87-92	5	Good
4	103-110	7	Good

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

2- The formation water quality is deteriorating from top to 65Mbgl and a clay kankar intercalation lies in between 65-72Mbgl.


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Sanjeet Sharma
(Hydrogeologist)

