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Ref. No. : AGS/EL/2023/ PRYJ- 305
Date : 12/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Purelila
Location : 25.678108, 81.952521
Block : Bahariya
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 172Mbgl
Rm/Rw : 11.5/11
Date of Logging : 11-Oct-2023
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Constructions Pvt Ltd, Prayagraj Uttar Pradesh
Representative : M/S Ashish Mishra

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	132-142	10	Moderate
2	162-166	4	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 32-118Mbgl and a clay kankar intercalation present in between 122-132Mbgl.

3- Sr. No. 1 & 2 are fine sand in nature and Sr No. 2 is kankar intermixed.


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Sanjeet Sharma
(Hydrogeologist)

