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Ref. No. : AGS/EL/2024/ PRGH -319
Date : 21/03/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Umraura TW 2
Location : 25.842884, 81.772145
Block : Laxmanpur
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 254 Mbgl
Rm/Rw : 14/12
Date of Logging : 20-March-2024
Logged By : Mr. Sadik Sheikh(Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, Uttar Pradesh
Representative : M/S Shashi Structural Engineers Pvt Ltd


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	20-25	5	Good
2	30-38	8	Good
3	58-67	9	Good
4	77-80	3	Moderate
5	160-164	4	Moderate to Marginal
6	176-183	7	Moderate

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

2- The formation water quality is deteriorating from marginal to saline in between 102-148 and below 196Mbgl to till depth logged.

3- Sr no 4,5 and 6 are fine to very fine sand in nature.


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Sanjeet Sharma
(Hydrogeologist)

