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Ref. No. : AGS/EL/2023/ PRGH - 162
Date : 30/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Pure Ajmer Shah
Location : 25.807593, 81.937888
Block : Mandhata
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 236Mbgl
Rm/Rw : 6.5/6.5
Date of Logging : 29-Oct-2023
Logged By : Mr. Sadik Sheikh Srivastava (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru projects international Pvt Ltd, Uttar Pradesh
Representative : M/S Amarendra Enterprises

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	56-61	5	Moderate
2	79-83	4	Good
3	90-93	3	Good
4	152-156	4	Moderate
5	166-170	4	Good
6	190-194	4	Good
7	213-217	4	Good
8	222-225	3	Good to 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 top to 48Mbgl and 104-138Mbgl and below 232Mbgl.

3-Predominant clay kankar intercalation lies in between 48-56Mbgl, 61-79Mbgl and 138-152Mbgl.


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Sanjeet Sharma
(Hydrogeologist)