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Ref. No. : AGS/EL/2024/ PRGH - 308

Date : 03/03/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Shivgarh
Location : 25.856495, 82.094329
Block : Shivgarh
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 310 Mbgl
Rm/Rw : 13/14
Date of Logging : 02-March-2024
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, Uttar Pradesh
Representative : M/S Tejash Borewell Company

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	20-28	8	Good
2	51-55	4	Good
3	67-70	3	Moderate

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

2- Sr. No . 3 is fine sand in nature..

3- The formation water quality is deteriorated from marginal to saline below 82Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)

