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Ref. No. : AGS/EL/2023/ PRGH - 169

Date : 02/11/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sarma
Location : 25.8611228, 82.2095564
Block : Patti
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 289Mbgl
Rm/Rw : 14/14
Date of Logging : 02-Nov-2023
Logged By : Mr. Sanjeet Sharma (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru projects international Pvt Ltd, Uttar Pradesh
Representative : M/S Vama engineering

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	20-31	11	Good
2	45-49	4	Good
3	70-73	3	Good

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

2- Sr. No. 2 is very fine sand to fine sand in nature.

3- The formation water quality is deteriorating from marginal to saline below 78Mbgl to till depth logged.


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Sanjeet Sharma
(Hydrogeologist)

