

Ref. No. : AGS/EL/2024/PRGH-374
Date : 18/06/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Masauli
Location : 25.720576, 82.128908
Block : Gaura
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 340 Mbgl
Rm/Rw : 15/11
Date of Logging : 17-June-2024
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh, Uttar Pradesh
Representative : M/S Vama Engineers

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	26-29	3	Good
2	33-48	15	Good
3	78-82	4	Good
4	91-95	4	Good
5	156-162	6	Good
6	168-171	3	Good
7	184-191	7	Good
8	204-208	4	Good
9	220-231	11	Good
10	240-246	6	Good
11	250-257	7	Good

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

2- The formation water quality is deteriorated from marginal to saline below 268 Mbgl to till depth logged.

3- Sr No 5 & 6 are fine sand in nature.

4- Sr No 7 is highly kankar intermixed.



AllGeo Solutions
Sanjeet Sharma
(Hydrogeologist)

