

Ref. No. : AGS/EL/2024/ PRGH -327
 Date : 20/04/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Mandal Bhaso
 Location : 25.792392 ,81.724303
 Block : Vihar
 District : Pratapgarh
 State : Uttar Pradesh
 Logging Depth : 216 Mbgl
 Rm/Rw : 13/12
 Date of Logging : 19-April-2024
 Logged By : Mr. Shobhit Srivastava(Hydrogeologist)
 Logger Make : GIT
 Tubewell Drilled By : M/S Powermach Projects India Ltd, Pratapgarh ,Uttar Pradesh
 Representative : M/S Shri Krishna Constructions

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	30-33	3	Good
2	40-45	5	Good
3	75-78	3	Good
4	170-176	6	Good
5	189-196	7	Good
6	199-203	4	Good
7	208-211	3	Good


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

2- A clay kankar intercalation is present in between 152-160Mbgl.

3- The formation water quality is deteriorating from marginal to saline in between 88-152Mbgl.

4- Sr no 4,5,6 are kankar intermixed.

5- Sr no 3 is fine sand in nature.


 AllGeo Solutions
 Sanjeet Sharma
 (Hydrogeologist)