



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/SLTP-14

Date : 06/04/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Bhairavpur
Location : 26.313342, 82.328859
Block : Jaisinghpur
District : Sultanpur
State : Uttar Pradesh
Logging Depth : 165 Mbgl
Drilling Depth : 170 Mbgl (Reported By Driller)
Rm/Rw : 18/40
Date of Logging : 05-Apr-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GHI
Tubewell Drilled By : M/S Vindhya Telelinks Limited- Gaja Engineering Pvt Ltd.,
Sultanpur, Uttar Pradesh
Representative : M/S Khan Construction.

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 | 38-48 | 10 | Good |
| 2 | 76-80 | 4 | Good |
| 3 | 96-100 | 4 | Good |
| 4 | 110-116 | 6 | Good |
| 5 | 124-130 | 6 | Moderate |

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

2- Sr No 3 is fine sand in nature.

3- The formation water quality is deteriorating from marginal to saline below 136 Mbgl to till depth logged.

Verified as per
logs provided.
G.Sh
06/04/23

