

GEOPHYSICAL BOREHOLE LOGGING REPORT

SOILTECH
(INDIA) PRIVATE LIMITED
GROUND ENGINEERS & CONSULTANTS

Ref: SIPL/Elog/2023/welspun/02

Date: 22th April 2023

Site: **GANESHPUR**
Block: **BARSATHI**
District: **JAUNPUR**
State: **Uttar Pradesh**
Date of Logging: **22-04-2023**
Drill Depth: **305.0 m bgl**
Logging Depth: **292.0 m bgl**
Rw: **15.8 cm** Rm: **18.2 cm**

Borehole Drilled by: **M/S WELSPUN ENTERPRISES**

Based on the interpretation of Geophysical Logging Record Parameter of Self Potential (SP), Long Normal (N-64"), Short Normal (N-16"), Natural Gamma and single point Resistance (SPR) log data, the given borehole formation Granular zone deciphered with respect of salinity and Resistivity.

| Sl No. | Depth Range (m bgl) | Thickness (meter) | Quality of Aquifer Water |
|--------|---------------------|-------------------|--------------------------|
| 1 | 33-36 | 3 | Good |
| 2 | 39-44 | 5 | Good |
| 3 | 161-169 | 8 | Good |
| 4 | 181-187 | 6 | Good |
| 5 | 204-217 | 13 | Good |
| 6 | 245-253 | 8 | Good |
| 7 | 261-264 | 3 | Good |
| 8 | 267-271 | 4 | Good |

Note:

1. The water quality for these zones are given as per our logger's response and calibration.
2. Fine band of kankar are intermixed with almost all Zone.
3. In Zone Sl. No 1 and 2 high intercalations of kankar is present.
4. Quality of ground water is deteriorating 275 m to bottom of log.
5. Predominating Clay is present in the depth range of 65 m to 130 m bgl

Client

For Soiltech India Pvt. Ltd.