

Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD. LUCKNOW

Ref GIT/UP P/JM 23-24 I.S. 286

Dated 26-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Gopalipatti
Block Ahiraula
District Azamgarh
State Uttar Pradesh
Date of Logging: 24-04-2023
Drilling Depth: 220.0 m bgl
Logging Depth: 202.0 m bgl
Rm - 16.0 Qm Rw - 23.0 Qm

Borehole Drilled by M/s Sky Lark Infra Engineering, Azamgarh, U.P.

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 (m bgl) | Thicknoss (meter) | Remark (Quality of Aquifer Water) |
|---------|---------------------|-------------------|-----------------------------------|
| 1 | 31 - 34 | 03 | Good |
| 2 | 42 - 46 | 04 | Good |
| 3 | 51 - 58 | 07 | Good |
| 4 | 62 - 66 | 04 | Good |
| 5 | 78 - 85 | 07 | Good |
| 6 | 117 - 126 | 09 | Good |
| 7 | 147 - 151 | 04 | Good |
| 8 | 170 - 177 | 07 | Good |

Note 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 1, 4 & 7 are highly intermixed with kankar.

3. Quality of ground water is deteriorating marginal to saline below 182.0 m bgl to till depth logged.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.S.
27/04/23