

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:PJM:22-23:LS: 863

Dated: 07-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jagarnath Chhapara
Block: Bhatpar Rani
District: Deoria
State: Uttar Pradesh
Date of logging: 06-12-2022
Drilling depth: 135.0 m bgl
Logging Depth: 134.0 m bgl
Rm -13.0 Ω m Rw -15.0 Ω m

Borehole Drilled by: M/s L.C. Infra TCEL Joint Venture Deoria, Uttar Pradesh.

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)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	18 - 25	07	Good
2.	37 - 41	04	Good
3.	47 - 60	13	Good
4.	74 - 77	03	Good
5.	91 - 98	07	Good
6.	112 - 116	04	Good
7.	122 - 126	04	Good
8.	132 - 135	03	Good

Note: 1. Fine bands of Kankar are Intermixed with almost all the Zones.

2. Zone Sl. No. 6 is fine sand in Nature.

3. Zone Sl. No. 3 & 7 are highly Intermixed with Kankar.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)