

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 532

Dated: 07-09-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barthara khurd
Block: Chiraigaon
District: Varanasi
State: Uttar Pradesh
Date of Logging: 07-09-2022
Drilling Depth: 170.0 m bgl
Logging Depth: 161.0 m bgl
Rm - 20.0 Ωm Rw - 15.0 Ωm

Borewell Drilled By: M/s Larsen & Toubro Limited, Varanasi, 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)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	35 - 43	08	Good
2.	80 - 90	10	Good
3.	95 - 102	07	Good
4.	110 - 117	07	Good
5.	128 - 135	07	Good
6.	148 - 152	04	Good
7.	155 - 158	03	Good

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

2. Zones Sl. No. 4 is highly intermixed with thin bands of Kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. L. Ch
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E.M.)
U.P. CANAL NIGAM (RURAL)
PRAYAGRAJ