

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: 510

Dated: 31-08-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Usrav**
Block: **Ram Nager**
District: **Jaunpur**
State: **Uttar Pradesh**
Date of Logging: **30-08-2022**
Drilling Depth: **330.0 m bgl**
Logging Depth: **300.0 m bgl**
Rm - **10.0 Ω m** Rw - **8.5 Ω m**

Borehole Drilled by: **Welspun Enterprises, Jaunpur, Uttar Pradesh, India.**

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.	34 - 40	06	Good
2.	43 - 47	04	Good
3.	107 - 117	10	Good
4.	120 - 127	07	Good
5.	150 - 160	10	Good
6.	170 - 174	04	Good
7.	186 - 190	04	Good
8.	200 - 204	04	Good
9.	217 - 224	07	Good
10.	228 - 235	07	Good
11.	250 - 257	07	Good
12.	265 - 268	03	Good

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

~~2.~~ Zone Sl. No 3 & 4 are highly intermixed with thin bands of Kankar.

~~3.~~ Zone Sl. No is 5 & 6 are Fine Sand Nature.

Verified as per
logs provided.

ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (EM)
B.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's

At 6/10/22

S. Shukla
(S. Shukla)