

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: PJM:22-23:LS: 435

Dated: 28-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tilanga
Block: Ramnagar
District: Jaunpur
State: Uttar Pradesh
Drilling depth: 330.0 m bgl
Logging depth: 290.0 m bgl
Date of logging: 28-07-2022
Rm - 9.0 Qm R_w - 12.0 Qm

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 (meters)	Remarks (Quality of aquifer water)
1.	36 - 42	06	Good
2.	62 - 68	06	Good
3.	74 - 77	03	Good
4.	96 - 100	04	Good
5.	134 - 138	04	Good
6.	145 - 149	04	Good
7.	155 - 161	06	Good
8.	165 - 171	06	Good
9.	176 - 180	04	Good
10.	185 - 190	05	Good
11.	205 - 211	06	Good
12.	220 - 224	04	Good
13.	241 - 245	04	Moderate

Note: ~~1.~~ Zone Sl. No. 4, ~~5~~ and ~~6~~ are Fine Sand in nature.

~~2.~~ Fine band of Kankar are intermixed with almost all the Zones.

~~3.~~ Zone Sl. No. ~~5~~ is highly intermixed with Kankar.

~~4.~~ Quality of Ground Water is deteriorating Marginal to Saline below 251.0 m bgl to till depth Logged.

Verified as
per logs
provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. S. H.
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (EM)
OFFICIAL NIGAM (RURAL)
PRAYAGRAH

Regd. Office: Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005