

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:21-22:LS: 47
Dated: 13-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rampur Gharauli
Block: Kalakankar
District: Pratapgarh
State: Uttar Pradesh
Logging Depth: 250.0 m bgl
Date of logging: 13-05-2022
Rm -11.0 Ω m Rw - 11.0 Ω m

Borehole Drilled by: M/s JMC India Limited, Pratapgarh, U. P.

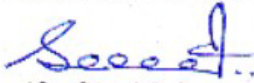
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (L-6") geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 - 35	15	Good
2.	59 - 67	08	Moderate
3.	101 - 107	06	Moderate
4.	190 - 194	04	Moderate to Marginal
5.	199 - 206	07	Moderate to Marginal

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.
~~2.~~ Zones Sl. No. 3 to 5 are Fine Sand in nature.
~~3.~~ Zone Sl. No. 3 is highly intermixed with Kankar.
~~4.~~ Quality of Ground Water is deteriorating Marginal to Saline below 210.0 m bgl to till depth Logged.

Verified as per
logs provided.
G.S.
15/5/22

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(S. Shukla)