

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:21-22:LS: 38
Dated: 06-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Suriyawa
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging Depth: 214.0 m bgl
Date of logging: 06-05-2022
Rm -13.0 Ω m Rw - 12.0 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:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
①	16 - 21	05	Good
②	40 - 47	07	Good
3.	55 - 60	05	Good
4.	64 - 74	10	Good
5.	88 - 95	07	Good
6.	100 - 107	07	Good
7.	115 - 122	07	Good
8.	128 - 139	11	Good
9.	145 - 155	10	Good
10.	158 - 162	04	Good
11.	167 - 174	07	Good
12.	180 - 185	05	Good

- Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.
~~2.~~ Zones Sl. No. 2 is Fine Sand in nature.
~~3.~~ Zone Sl. No. 2 and 6 are highly intermixed with Kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

C.S.K.
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ