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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:21-22-LS: 254

Dated: 03-03-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mokulpur
Block: Mariyahun
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 03-03-2022
Drilling Depth: 330.0 m bgl
Logging Depth: 329.0 m bgl
Rm - 8.0 Ω m Rw - 7.0 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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	15 - 20	05	Good
2.	22 - 25	03	Good
3.	40 - 43	03	Moderate
4.	52 - 55	03	Moderate
5.	151 - 163	12	Moderate
6.	167 - 171	04	Moderate
7.	205 - 208	03	Good
8.	210 - 220	10	Good
9.	227 - 230	03	Good
10.	233 - 238	06	Good
11.	242 - 248	05	Good
12.	252 - 260	08	Good
13.	265 - 268	03	Good
14.	273 - 281	08	Good
15.	285 - 292	07	Good
16.	297 - 304	07	Good
17.	311 - 318	07	Good

Note: 1. Zone Sl. No. 3 & 4 are Fine Sand.

2. Zone Sl. No. 5 & 6 are Fine to Medium Sand and Intermixed with Kankar.

2. Quality of Ground Water is deteriorating marginal to Saline in between 75.0 to 140.0 m bgl.

Verified as per
logs provided

ASSISTANT GEOLOGIST
O. YANTRIYANDAL
U.P. JAL NIGAM (RURAL)

For Geo Instruments & Technic's


(S. Shukla)