

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:23-24:LS:K- 544

Dated: 24-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahuari Naikot
Block: Laxmipur
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 23-12-2023
Drilling Depth: 180.0 m bgl
Logging Depth: 167.0 m bgl
Rm - 29.0 Ω m Rw - 40.0 Ω m

Latitude: 27.329756 Longitude: 83.390677

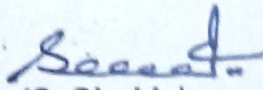
Borehole Drilled by: M/s Ritwik Koya (JV), Maharajganj, Uttar Pradesh.

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.	15 - 19	04	Good
2.	28 - 42	14	Good
3.	48 - 52	04	Good
4.	76 - 80	04	Good
5.	92 - 99	07	Good
6.	118 - 122	04	Good
7.	143 - 150	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)

Lsp:- Nalkot

(JTM-PH-3)

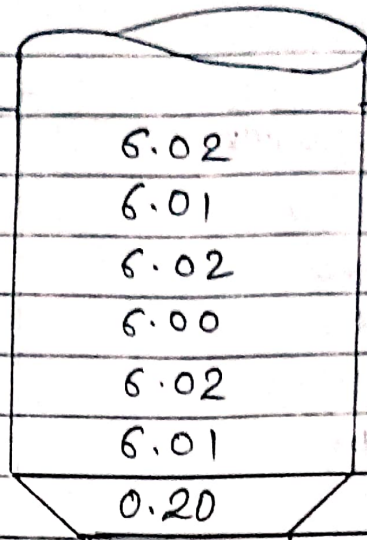
Block:- Laxmipur

Date _____
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176X160m/600X500mm/300X150mm/18m/1Pm-6.50

Logging 23.12.2023
167 MTR

- ①:- 15-19 = 04
- ②:- 28-42 = 14
- ③:- 48-52 = 04
- ④:- 76-80 = 04
- ⑤:- 92-99 = 07
- ⑥:- 118-122 = 04
- ⑦:- 143-150 = 07



0.50

36.08

35.58

35.78

- 23 — 6.01
- 22 — 6.00
- 21 — 6.02
- 20 — 6.03
- 19 — 6.02
- 18 — 6.02
- 17 — 4.50
- 16 —
- 15 — 6.01
- 14 — 4.00
- 13 — 3.00
- 12 —
- 11 — 6.01
- 10 — 6.02
- 9 — 6.02
- 8 — 2.00
- 7 —
- 6 — 6.01
- 5 — 6.02
- 4 — 6.02
- 3 — 4.00
- 2 —
- 1 — 6.01

40.60 MTR

76.38

79.38

13.01

92.39

98.40

118.45

121.45

143.50

149.50

Contractor
RITHWIK-KOYA (JV)

155.51 + 0.5

156.01