

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:23-24:LS: 012
Dated: 19-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tukauliya
Block: Dumariyaganj
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 164.0 m bgl
Date of logging: 18-06-2023
Rm - 15.0 Ω m Rw - 16.0 Ω m

Borehole Drilled by: M/s SCL Infratech Ltd., Siddharth Nagar, U.P.

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.	31 - 35	04	Good
2.	45 - 49	04	Good
3.	69 - 73	04	Good
4.	76 - 82	06	Good
5.	86 - 90	04	Good
6.	96 - 100	04	Good
7.	104 - 108	04	Good
8.	125 - 129	04	Good
9.	137 - 144	07	Good
10.	153 - 160	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 6 is fine sand nature & highly intermixed with fine bands of kankar.

Verified as per
logs provided

For Geo Instruments & Technic's


(S. Shukla)

GSh
19/06/23

> Date

Mon Tue Wed Thu Fri Sat Sun

Turkawaliya w/s Scheme Siddharthnagar

Block - Domariyaganj

Q = 650 Lpm

T/W size = 150 x 300mm, 165/150m

= 24m (Slotted)

M/S USA-SCL (IV)

As per logging Report (18.06.2023)

31 - 35 = 04

45 - 49 = 04

69 - 73 = 04

76 - 82 = 06 = 06 ✓

86 - 90 = 04

96 - 100 = 04

104 - 108 = 04 = 03 ✓

125 - 129 = 04 = 03 ✓

137 - 144 = 07 = 06 ✓

153 - 160 = 07 = 06 ✓

Pipe cutting

150mm plain pipe

6.00 = 4.55 + 1.45

6.00 ⇒ 4.50 + 1.50

6.00 ⇒ 3.00 + 3.00

6.00 ⇒ 4.00 + 2.00

Extra pipe = 4 x 6000mm (Plain pipe)

Slotted pipe cutting

5.99 ⇒ 3.00 + 2.99

