

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptrom Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 832

Dated: 21-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jhigati  
Block: Nautanwa  
District: Mahrajganj  
State: Uttar Pradesh  
Date of Logging: 21-06-2023  
Drilling Depth: 225.0 m bgl  
Logging Depth: 220.0 m bgl  
Rm - 22.0  $\Omega$ m Rw - 15.0  $\Omega$ m

Borehole Drilled by: M/s Rithwik- Koya-JV, Mahrajganj, 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)
<del>1.</del>	43 - 50	07	Good
2.	56 - 60	04	Good
<del>3.</del>	66 - 70	04	Good
<del>4.</del>	73 - 80	07	Good
<del>5.</del>	<del>109 - 113</del>	<del>04</del>	<del>Good</del>
<del>6.</del>	140 138 - 145	07 05	Good
<del>7.</del>	154 - 164	10	Good
<del>8.</del>	167 - 171	04	Good
9.	174 - 178	04	Good
<del>10.</del>	186 - 190	04	Good
<del>11.</del>	204 - 208	04	Good

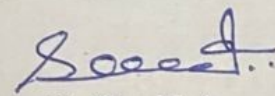
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 2 is highly intermixed with fine band of kankar.

Verified as per logs provided

G.Sh  
21/06/23

For Geo Instruments & Technic's

  
(S. Shukla)



GP - Jhigati

Block - Nautanwa

Dist - Maharajganj

Building - 225x220, 500x500,  
200x150

LPM - 550

Date -

### Logging Report

1. 43-50 = 07
2. 56-60 = 04
3. 66-70 = 04 = 03
4. 73-80 = 07 = 06
5. 140-145 = ~~05~~ = 03
6. 154-164 = 10 = 6
7. 167-171 = 04
8. 174-178 = 04
9. 186-190 = 04
10. 204-208 = 04

### Cutting 150mm plain pipe

$$1. 6.01 = 4.38 \overset{8}{=} 1.63$$

$$2. 6.01 = 3.11 \overset{4}{=} \overset{7}{=} 2.9 \times$$

$$3. 6.01 = 4.00 \overset{8}{=} 2.01 \times$$

$$4. 6.01 = 4.5 \overset{19}{=} 1.51 \times$$

Slotted pipe 150mm

$$① 6.01 = 3.00 \overset{6}{=} \overset{20}{=} 3.01$$

total Lowsring = 169.5m

31	6.03	
30	6.02	
29	6.03	36.15
28	6.03	
27	6.01	
26	6.03	35.65
	0.2	35.85
25	6.00	
24	6.00	
23	6.00	= 30.15
22	6.00	
21	6.15	66
20	---	3.00 69
19	4.5	73.5
18	---	6.00 79.5
17	6.01	
16	6.01	
15	6.01	
14	6.01	
13	6.01	= 61
12	6.02	
11	6.01	
10	6.01	
9	6.01	
8	4.00	
7	2.9	140.5
6	---	3.00 143.5
5	6.01	
4	3.11	
3	4.38	157
2	---	6.00 163
1	6.01	169
		+ 0.5
	total	169.5