

Rithwik-Koya Joint Venture

Site Office:- Plot No. 1910-1, Sarojini Nagar, Ward No-20, Maharajganj-273303, Uttar Pradesh

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Strata Chart as per actual tubewell assembly lowered at BAIRWA JUNGAL T/W WSS.

Block:- LAXIMPUR, Dist Maharajganj Under Jal Jeevan Mission.

Size Of Bore:- 600 x 500 mm

Type of Rig machine:-

Size Of Assembly:- 300 x 150 mm

Contractor Name:- RITHWIK-KOYA (JV) Depth Logged:- 103M

Date of logging:- 21.01.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report																																												
0			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sl No</th> <th>Depth Range MBGL</th> <th>Thickness (Mtr)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td>1</td><td>25-29</td><td>04</td><td>Good</td></tr> <tr><td>2</td><td>37-44</td><td>07</td><td>Good</td></tr> <tr><td>3</td><td>47-53</td><td>06</td><td>Good</td></tr> <tr><td>4</td><td>60-64</td><td>04</td><td>Good</td></tr> <tr><td>5</td><td>65-92</td><td>07</td><td>Good</td></tr> <tr><td>6</td><td>100-105</td><td>05</td><td>Good</td></tr> <tr><td>7</td><td>110-116</td><td>06</td><td>Good</td></tr> <tr><td>8</td><td>120-127</td><td>07</td><td>Good</td></tr> <tr><td>9</td><td>155-161</td><td>06</td><td>Good</td></tr> <tr><td>10</td><td>166-175</td><td>09</td><td>Good</td></tr> </tbody> </table>	Sl No	Depth Range MBGL	Thickness (Mtr)	Remarks	1	25-29	04	Good	2	37-44	07	Good	3	47-53	06	Good	4	60-64	04	Good	5	65-92	07	Good	6	100-105	05	Good	7	110-116	06	Good	8	120-127	07	Good	9	155-161	06	Good	10	166-175	09	Good
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36	Soil	6.01 36.13																																													
42	M. sand	6.01																																													
48	Sand + soil	6.04 35.63																																													
54	F. sand	0.20 35.83																																													
60	Soil	6.02 6.00 6.01 50.07																																													
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162	Soil	3.50 164.50																																													
165	M. sand	164.50																																													
185		165																																													

Note:- Zone SI. No 8 & 9 are highly intermixed with thin bands of carbon.

1. Drilling Started Date: 15.01.2023
 2. Drilling Completed date: 19.01.2023
 3. Lowering Complete Date: 25.01.2023
 4. Assembly Lowered on Dated: 25.01.2023
- A) Housing Pipe 300 mm dia (AGL) = 0.50
 B) Housing Pipe 300 mm dia (BGL) = 35.63
 C) Reducer 300 mm X 150 mm = 0.20
 D) Slotted pipe 150 mm dia = 24.05
 E) Plain Pipe 150 mm dia = 104.62
 With AGL = 165.00
 Total Assembly: Without AGL = 164.50

Assembly Details	
M to M	Total in M
# 300mm φ Housing Pipe =	0 - 35.63
# 300x150mm φ Reducer =	35.63 - 35.83
# 150mm φ Plain Pipe =	35.83 - 85.90
# 150mm φ Slotted Pipe =	85.90 - 91.93
# 150mm φ Plain Pipe =	91.93 - 101.93
# 150mm φ Slotted Pipe =	101.93 - 104.93
# 150mm φ Plain Pipe =	104.93 - 110.91
# 150mm φ Slotted Pipe =	110.91 - 113.91
# 150mm φ Plain Pipe =	113.91 - 120.41
# 150mm φ Slotted Pipe =	120.41 - 126.43
# 150mm φ Plain Pipe =	126.43 - 155.00
# 150mm φ Slotted Pipe =	155.00 - 161.00
# 150mm φ Plain Pipe =	161.00 - 164.50
Total assembly =	164.5 + AGL 0.50 = 165.00



TPI (M/S Medhai)

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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:22-23:LS:1K-277
 Dated: 22-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bairwa Jungle
 Block: Laxmipur
 District: Maharajanj
 State: Uttar Pradesh
 Date of Logging: 21-01-2023
 Drilling Depth: 185.0 m bgl
 Logging Depth: 183.0 m bgl
 Rm - 20.02m
 Rw - 19.02m

Borehole Drilled by: M/s Rithwik-Koya-JV, Maharajanj, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") geophysical logs following information/granular zones have been deciphered with respect to Salinity only:

SI. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	25 - 29	04	Good
2.	37 - 44	07	Good
3.	47 - 53	06	Good
4.	60 - 64	04	Good
5.	85 - 92	07	Good
6.	100 - 105	05	Good
7.	110 - 116	06	Good
8.	120 - 127	07	Good
9.	155 - 161	06	Good
10.	166 - 175	09	Good

Note: 1. Fine bands of Kanakar are intermixed with almost all the Zones.
 2. Zone SI. No. 3 & 5 are highly intermixed with thin bands of Kanakar.

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

*Verified as per logs provided
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 G.S.
 23/07/23*