

# 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 Mahani phulwaria T/W WSS.

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

Size Of Bore:- 500x500mm

Size Of Assembly:- 200x150mm

Date of logging:- 13.02.2023

Type of Rig machine:-

LPM:- 500

Depth Logged:- 170m

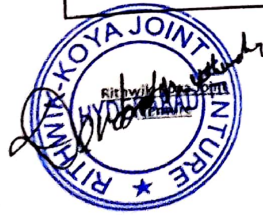
Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	
0	clay	6.00	0.50
16	F. Sand	6.00	
		5.99	35.94
		5.97	
22	Clay	5.98	35.44
		0.20	35.64
29	F. Sand	6.01	
		6.02	
		6.03	32.13
		6.04	
		6.03	
40	Clay	2.00	67.77
42	F. Sand	3.00	
		70.77	
46	Clay	6.02	
57	F. Sand	6.02	
		6.02	
60	Clay	6.03	34.10
65	M. Sand	6.01	
		4.00	104.87
72	Clay	3.50	110.88
103	M. Sand.	6.01	114.38
112	Clay	6.01	120.39
114	M. Sand		
121	Clay	6.05	
135			
140	M. Sand		126.44
		AGL. + 0.5	
			126.94

Logging Report			Remarks
Sl No	Depth Range MBGL	Thickness (Mtr)	
1.	16-22	06	Good.
2.	30-39	09	
3.	42-46	04	
4.	57-60	03	
5.	67-71	04	
6.	104-111	07	
7.	114-121	07	
8.	136-140	04	
9.	151-160	09	

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

1. Drilling Started Date: 06.02.2023
  2. Drilling Completed date: 12.02.2023
  3. Lowering Complete Date: 11.03.2023
  4. Assembly Lowered on Dated:
- A) Housing Pipe 200 mm dia (AGL)= 0.5 m  
 B) Housing Pipe 250 mm dia (BGL)= 34.44 m  
 C) Reducer 200 mm X 150 mm = 0.2 m  
 D) Slotted pipe 150 mm dia= 15.02 m  
 E) Plain Pipe 150 mm dia= 75.78 m
- With AGL= 126.94  
 Total Assembly: Without AGL= 126.44

Assembly Details		Total in M
M to M		
# 200 mm Housing pipe =	0 - 35.44 m	
# 200x150mm Reducer =	35.44 - 35.64 m	
# 150mm plain pipe =	35.64 - 67.77m	
# 150mm slotted pipe =	67.77 - 70.77 m	
# 150mm plain pipe =	70.77 - 104.87 m	
# 150mm slotted pipe =	104.87 - 110.88m	
# 150mm plain pipe =	110.88 - 114.38m	
# 150mm slotted pipe =	114.38 - 120.39m	
# 150mm plain pipe =	120.39 - 126.44m.	
	+ AGL = 0.5	
Total assembly =	126.44	
	+ 0.5	
	<u>126.94 m.</u>	



TPI (M/S Medha)

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# 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:22-23:LS:1K- 495

Dated: 14-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mathni Fulwariya  
Block: Laxmipur  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 171.0 m bgl  
Logging Depth: 170.0m bgl  
Date of logging: 13-02-2023  
Rm - 25.0  $\Omega$ m Rw - 27.0  $\Omega$ m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, 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.	16 - 22	06	Good
<del>2.</del>	<del>30 - 39</del>	<del>09</del>	<del>Good</del>
<del>3.</del>	<del>42 - 46</del>	<del>04</del>	<del>Good</del>
4.	57 - 60	03	Good
<del>5.</del>	<del>67 - 71</del>	<del>04</del>	<del>Good</del>
<del>6.</del>	<del>104 - 111</del>	<del>07</del>	<del>Good</del>
<del>7.</del>	<del>114 - 121</del>	<del>07</del>	<del>Good</del>
<del>8.</del>	<del>136 - 140</del>	<del>04</del>	<del>Good</del>
<del>8.</del>	<del>151 - 160</del>	<del>09</del>	<del>Good</del>

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

2. Zone Sl. No. 4 is highly kankar Intermixed.

3. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.

4. Zone Sl. No. 8 is fine to medium sand & intermixed with kankar.

*Verified as per logs provided.*

*G.Sh  
14/02/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)