

# 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 PARSA PANDEY T/W WSS.

Block:- LAXMI PUR Dist Maharajganj Under Jal Jeevan Mission.

Type of Rig machine:- RL  
 Contractor Name:- RITHWIK-KOYA-JV Depth Logged:- 137m LPM-450

Size Of Bore:- 500mm  
 Size Of Assembly:- 200x150mm  
 Date of logging:- 17.02.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly		Logging Report			
				Sl No	Depth Range MBGL	Thickness (Mtr)	Remarks
0				1	20-24	04	} (Good)
15	clay	6.00	0.50	2	30-35	05	
33	B. Sand	6.00		3	40-50	10	
36	sand + seal	6.01	36.03	4	54-60	06	
		6.01		5	67-74	07	
		6.01		6	80-83	03	
		6.00	35.53	7	100-107	07	
		0.20	35.73	8	114-118	04	
	M. Sand	6.01					
60		6.01					
		6.02	32.06				
		6.01					
66	clay	6.01					
		2.00					
	M. Sand	6.01	67.79				
74		6.00					
		6.00	73.80				
80	clay	6.00					
		6.01	27.01				
86	F. Sand	6.00					
		6.00					
97	clay	3.00	100.81				
	M. Sand	6.01	106.82				
108		6.01					
			112.83				
137	clay		AGL 0.50				
			Total = 113.33				

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

- Drilling Started Date: 10.02.2023
  - Drilling Completed date: 16.02.2023
  - Lowering Complete Date: 22.02.2023
  - Assembly Lowered on Dated: 22.02.2023
- A) Housing Pipe 200 mm dia (AGL) = 0.50  
 B) Housing Pipe 200 mm dia (BGL) = 35.53  
 C) Reducer 150 mm X 200 mm dia = 0.20  
 D) Slotted pipe 150 mm dia = 12.02  
 E) Plain Pipe 150 mm dia = 65.09  
 With AGL = 113.33  
 Total Assembly: Without AGL = 112.83

Assembly Details

M to M	Total in M
# 200mm φ Housing Pipe = 0-35.53	
# 200x150mm φ Reducer = 35.53-35.73	
# 150mm φ Plain Pipe = 35.73-67.79	
# 150mm φ Slotted Pipe = 67.79-73.80	
# 150mm φ Plain Pipe = 73.80-100.81	
# 150mm φ Slotted Pipe = 100.81-106.82	
# 150mm φ Plain Pipe = 106.82-112.83	
Total assembly = 112.83 + AGL 0.50 = 113.33	



TPI (M/S Medhai)

M/C  
J.E

A.E

E.E

# 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- 540  
Dated: 18-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Parsa Pandey  
Block: Laxmipur  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 147.0 m bgl  
Logging Depth: 137.0m bgl  
Date of logging: 17-02-2023  
Rm -19.0  $\Omega$ m Rw - 22.0  $\Omega$ 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.	20 - 24	04	Good
<del>2.</del>	<del>30 - 35</del>	<del>05</del>	<del>Good</del>
<del>3.</del>	<del>40 - 50</del>	<del>10</del>	<del>Good</del>
<del>4.</del>	<del>54 - 60</del>	<del>06</del>	<del>Good</del>
<del>5.</del>	<del>67 - 74</del>	<del>07</del>	<del>Good</del>
<del>6.</del>	<del>80 - 83</del>	<del>03</del>	<del>Good</del>
<del>7.</del>	<del>100 - 107</del>	<del>07</del>	<del>Good</del>
8.	114 - 118	04	Good

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

2. Zone Sl. No.1 & 3 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*  
G.Ch  
20/02/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)