

# 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 PARSOLI T/W WSS.

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

Type of Rig machine:- RC

Contractor Name:- RITHWIK-KOYA (JV) Depth Logged:- 137m

Size Of Bore:- 500mm

Size Of Assembly:- 200x150mm

Date of logging:- 30.01.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report
0	Soil	6.02	SI No 1, Depth Range MBGL 25-29, Thickness (Mtr) 04
12	F. Sand	6.02	SI No 2, Depth Range MBGL 35-39, Thickness (Mtr) 04
21	M. Sand	6.01	SI No 3, Depth Range MBGL 46-50, Thickness (Mtr) 04
30	clay	6.02	SI No 4, Depth Range MBGL 55-59, Thickness (Mtr) 04
42	M. Sand	6.01	SI No 5, Depth Range MBGL 87-94, Thickness (Mtr) 07
60	clay	6.01	SI No 6, Depth Range MBGL 100-103, Thickness (Mtr) 03
75	sand + Soil	6.01	SI No 7, Depth Range MBGL 113-117, Thickness (Mtr) 04
84	M. Sand	6.02	
96	clay	3.50	
99	Kankar + F Sand	6.02	
105	clay	2.50	
111	Kankar + F Sand	4.12	
120	clay	6.01	
137		AGL + 0.50	
		Total = 122.53	

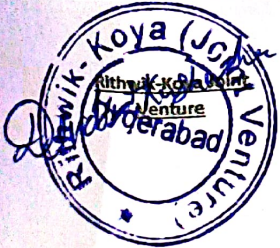
Logging Report			
SI No	Depth Range MBGL	Thickness (Mtr)	Remarks
1	25-29	04	} GOOD
2	35-39	04	
3	46-50	04	
4	55-59	04	
5	87-94	07	
6	100-103	03	
7	113-117	04	

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

- Drilling Started Date: 23.01.2023
- Drilling Completed date: 29.01.2023
- Lowering Complete Date: 03.02.2023
- Assembly Lowered on Dated: 03.02.2023

A) Housing Pipe 200 mm dia (AGL) = 0.50  
 B) Housing Pipe 200 mm dia (BGL) = 35.59  
 C) Reducer 200 mm X 150 mm = 0.20  
 D) Slotted pipe 150 mm dia = 42.02  
 E) Plain Pipe 150 mm dia = 74.22  
 With AGL = 122.53  
 Total Assembly: Without AGL = 122.03

Assembly Details	
M to M	Total in M
# 200mm $\phi$ Housing Pipe = 0 - 35.59	
# 200x150mm $\phi$ Reducer = 35.59 - 35.79	
# 150mm $\phi$ Plain Pipe = 35.79 - 87.36	
# 150mm $\phi$ Slotted Pipe = 87.36 - 93.38	
# 150mm $\phi$ Plain Pipe = 93.38 - 100.00	
# 150mm $\phi$ Slotted Pipe = 100.00 - 103.00	
# 150mm $\phi$ Plain Pipe = 103.00 - 113.02	
# 150mm $\phi$ Slotted Pipe = 113.02 - 116.02	
# 150mm $\phi$ Plain Pipe = 116.02 - 122.03	
Total Assembly = 122.03 + AGL 0.50 = 122.53	



TPI (M/S Medhail) *A*
J.E. *HRK*
A.E. *Q*
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- 353

Dated: 31-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Parswni  
Block: Laxmipur  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 144.0 m bgl  
Logging Depth: ~~137.0 m bgl~~  
Date of logging: ~~30-01-2023~~  
Rm - ~~34.0 Om~~ Rw - ~~54.0 Om~~

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, U.P. India.

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>	25 - 29	04	Good
<del>2.</del>	35 - 39	04	Good
<del>3.</del>	46 - 50	04	Good
<del>4.</del>	55 - 59	04	Good
<del>5.</del>	87 - 94	07	Good
<del>6.</del>	100 - 103	03	Good
<del>7.</del>	113 - 117	04	Good

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

2. Zone Sl. No. 1 is fine sand and highly kankar intermixed.

3. Zone Sl. No. 3 is highly kankar intermixed.

4. Zone Sl. No. 5 is fine to medium sand in nature.

5. Zone Sl. No. 4 & 6 are fine sand in nature.

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*Verified as per logs provided  
note- so No 4 to 7 are finer in nature intermixed with kankar.*

*GSh  
21/01/23*