

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 Banassiya Kala T/W WSS.

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

Size Of Bore:- 500

Type of Rig machine:- PC

Size Of Assembly:- 200X150

Contractor Name:- RITHWIK-KOYA JV Depth Logged:- 133 LPM-450

Date of logging:- 10.02.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report			
			SI No	Depth Range MBGL	Thickness (Mtr)	Remarks
0	Soil	6.00	1.	30-36	06	} 1000
21			2.	39-43	04	
Blank Sand	6.00	3.	49-53	04		
		4.	63-67	04		
Sand + Soil	6.00	5.	70-73	03		
		6.	82-96	14		
Clay	6.00	7.	99-103	04		
		8.	106-110	04		
M. Sand	6.00	9.	114-118	04		
		10.	122-126	04		
57	Clay	0.20	11.			
63		6.00				
Clay	6.00	6.00				
		6.01				
M. Sand	6.00	6.01				
		6.02	47.06			
Clay	6.00	6.01				
		6.01				
Clay	6.00	5.00	82.79			
		6.02				
M. Sand	6.02	6.02				
		6.02	94.83			
M. Sand	3.00	5.00	99.83			
		6.00				
M. Sand	3.00	6.00	102.83			
		4.00				
Clay	3.00	6.00	106.83			
		6.00				
Clay	6.02	6.02	109.83			
		6.02				
Clay	6.02	6.02				
		6.02	115.83			
129	Clay	N	Total Assembly 115.83 + AgL 0.50			
132			= 116.35			
Total = 116.35 Mtr			Without AGL = 115.85			

Note:-

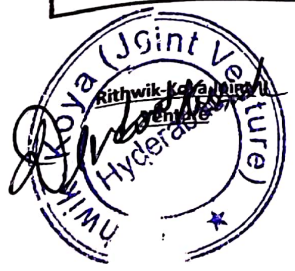
1. Drilling Started Date: 07.2.2023
2. Drilling Completed date: 10.02.2023
3. Lowering Complete Date: 20.02.2023
4. Assembly Lowered on Dated: 20.02.2023

A) Housing Pipe 200 mm dia (AGL)= 0.50
 B) Housing Pipe 200 mm dia (BGL)= 35.53
 C) Reducer 200 mm X 150 mm = 0.20
 D) Slotted pipe 150 mm dia= 18.04
 E) Plain Pipe 150 mm dia= 62.08
 With AGL= 116.35

Total Assembly: Without AGL= 115.85

Assembly Details

M to M	Total in M
# 200mm dia Housing pipe 0-35.53	
# 200X150mm dia Reducer 35.53-35.73	
# 150mm dia plain pipe 35.73-82.79	
# 150mm dia slotted pipe 82.79-94.83	
# 150mm dia plain pipe 94.83-99.83	
# 150mm dia slotted pipe 99.83-102.83	
# 150mm dia plain pipe 102.83-106.83	
# 150mm dia slotted pipe 106.83-109.83	
# 150mm dia plain pipe 109.83-115.85	



TPI (M/S Medhaj)

J.E

A.E

E.E



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor- Dr. R. A. Yadav, ex-Manager(Groundwater), U. P. Jal Nigam

Ref 210 - B / AX - 2023

Date 10.02.2023

Geophysical Borehole Logging Report

Name of the site : Banarsiya Kala, Block- Laxmipur

District : Maharajganj

Date : 10.02.2023

Depth logged : 133.0 mbgl

Depth drilled : 143.0 mbgl- as reported

Logger use : Robertson make

Presence : Representative of M/S Rithwik-Koya-JV, Maharajganj

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water:

Sl No.	Depth range(mbgl)	Thickness(m)	Remarks
1	30.0---36.0	6.0	Good all
2	39.0---43.0	4.0	
3	49.0---53.0	4.0	
4	63.0---67.0	4.0	
5	70.0---73.0	3.0	
6	82.0---96.0	14.0	
7	99.0---103.0	4.0	
8	106.0---110.0	4.0	
9	114.0---118.0	4.0	
10	122.0---126.0	4.0	

Note: All zones are highly intermixed with kankar.

Verified as per logs provided
Note- Sr No 6 82-97 (5m)

cc.

1. Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gorakhpur.
2. M/S J.M.C., Maharajganj

Sr No 7 - 100-103 (3m)
G.S.
13/02/23

