

Rithwik-Koya Joint Venture

Site Office:- Plot No. 1910-1, Sarojini Nagar, Ward No-20, Maharajganj-273303, Uttar Pradesh
 Ph: 040-23530027, Email: kcclogorakpur@kccpl.com

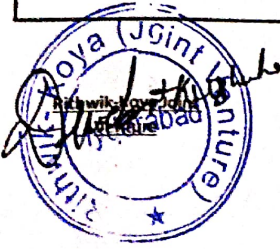
Strata Chart as per actual tubewell assembly lowered at RAJMANDIR KHURD T/W WSS.
 Block:- LAXMIPUR, Dist Maharajganj Under Jal Jeevan Mission.

Type of Rig machine:- RC
 Contractor Name:- RITHWIK-KOYA JV

Size Of Bore:- 600X500
 Size Of Assembly:- 300X150
 Date of logging:- 10.02.2023

Depth of Strata In M.B.G.L. Depth Logged:- 180m LPM-750

Depth of Strata In M.B.G.L.	Strata Details	Lowering Assembly		Logging Report			
		M to M	Total in M	SI No	Depth Range MBGL	Thickness (Mtr)	Remarks
0				1	30-38	08	GOOD
18	Soil	6.01	6.50	2	40-44	04	
		6.02		3	48-52	04	
		6.00		4	58-62	04	
51	Black Sand	6.01	36.04	5	66-73	07	
		6.00		6	88-92	04	
75	M. Sand	6.00	35.54	7	102-115	13	
		6.00		8	136-140	04	
		6.00		9	148-152	04	
		6.00		10	159-163	04	
		6.00		11	172-176	04	
		0.20	35.74	Note:- All Zones are intermixed with Kankar.			
		6.00		1. Drilling Started Date: <u>08.02.2023</u>			
		6.01		2. Drilling Completed date: <u>09.02.2023</u>			
		6.01		3. Lowering Complete Date: <u>15.02.2023</u>			
		6.02		4. Assembly Lowered on Dated: <u>15.02.2023</u>			
90	Sand + Soil	6.01	67.03	A) Housing Pipe <u>300</u> mm dia (AGL)= <u>0.50</u>			
		6.00		B) Housing Pipe <u>300</u> mm dia (BGL)= <u>35.54</u>			
99	M. Sand	6.01		C) Reducer <u>300</u> mm X <u>150</u> mm = <u>0.20</u>			
		6.00		D) Slotted pipe <u>150</u> mm dia= <u>21.06</u>			
		6.02		E) Plain Pipe <u>150</u> mm dia= <u>110.13</u>			
117		4.00	102.82	With AGL= <u>167.43</u>			
		3.00		Total Assembly: <u>166.93</u>			
		6.03	114.88	Without AGL= <u>166.93</u>			
132	clay	6.02		Assembly Details			
		6.01	21.53	M to M			
		6.00		Total in M			
		3.50	136.41	# 300mm φ Housing Pipe = 0 - 35.54			
		6.01	139.41	# 300X150mm φ Reducer = 35.54 - 35.74			
153	M. Sand + Kankar	3.00	148.42	# 150mm φ Plain Pipe = 35.74 - 102.82			
		6.01	151.42	# 150mm φ Slotted Pipe = 102.82 - 114.88			
156	Sand + Kankar	2.50	159.93	# 150mm φ Plain Pipe = 114.88 - 136.41			
		6.01	162.93	# 150mm φ Slotted Pipe = 136.41 - 139.41			
165	F. Sand	4.00	166.93	# 150mm φ Plain Pipe = 139.41 - 148.42			
171	clay	0.50	167.43	# 150mm φ Slotted Pipe = 148.42 - 151.42			
177	Yellow Sand	0.50	167.93	# 150mm φ Plain Pipe = 151.42 - 159.93			
180	clay	0.50	168.43	# 150mm φ Slotted Pipe = 159.93 - 162.93			
		0.50	168.93	# 150mm φ Plain Pipe = 162.93 - 166.93			
		0.50	169.43	Total Assembly = 166.93 + 0.50 = 167.43			



TPI (M/S Medhaj)

JE

A.E

E.E



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, Email-aquaxploreelko@gmail.com

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

Ref 210 - R/ AX - 2023

Date 10.02.2023

Geophysical Borehole Logging Report

Name of the site : Rajmandir, Block- Laxmipur
District : Maharajganj
Date : 10.02.2023
Depth logged : 180.0 mbgl
Depth drilled : 190.0 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---38.0	8.0	Good all
2	40.0---44.0	4.0	
3	48.0---52.0	4.0	
4	58.0---62.0	4.0	
5	66.0---73.0	7.0	
6	88.0---92.0	4.0	
7	102.0---115.0	13.0	
8	136.0---140.0	4.0	
9	148.0---152.0	4.0	
10	159.0---163.0	4.0	
11	172.0---176.0	4.0	

Note. All zones are intermixed with kankar. Sl.Nos. 4,6,8,10 & 11 are highly intermixed with kankar.

Verified as per logs provided
G. S. J.
12/10/2023

[Signature]

for Aqua Xplore

CC:

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