

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEB
MON

14

Kuttiyavu. S.S. 720. Block - Semariyann. Dist. Sant Kabir Nagar under 30m

Base Size \Rightarrow 550mm x 500mm dia, 16.5m/140m MIS on the top & In. Ut. Str.

Assembly Size \Rightarrow 200mm x 150mm dia

R. of. Covering \Rightarrow 23/2022

Required discharge \Rightarrow 5.50 lpm

G.L.

0.30m

10. Cover Agreement No. 270/ED/21-22 Dtd. 16.2.2022

M.B. 891(L)
P.N. 1403

11. Logging Report Dated. 27.2.22

S.N. Depth Range Thickness

12	1.	23-30 \Rightarrow 7m	6.04m	
	2.	35-47 \Rightarrow 12m	6.12m	
	3.	50-59 \Rightarrow 9m	6.04m	
	4.	63-75 \Rightarrow 12m	6.01m	36.02m
	5.	84-88 \Rightarrow 4m	6.07m	
	6.	95-105 \Rightarrow 10m	6.04m	36.02m
	7.	110-120 \Rightarrow 10m	0.20m	36.22m
	8.	125-132 \Rightarrow 7m	6.01m	
	9.	138-150 \Rightarrow 12m	6.02m	
		165/160m	6.02m	
			6.02m	
			6.02m	
			6.01m	62.25m
			6.00m	
			5.99m	
			5.99m	
			6.00m	
			6.01m	
		36.32m	2.19m	98.47m
		18.05m		
		83.25m		6.05m
		137.62m with AFL		104.50m
		0.20m (Reduce)	6.01m	2.94m
		137.82m	2.93m	113.44m
				6.02m
				119.46m
			6.04m	125.50m
				6.00m
				131.50m
			6.02m	
				AFL 137.52m
				MGL +0.30m
				Total 137.82m



(Signature)
JE

A.E. E.E.
EE, CDLEM, UPJMR
2022

MIS ERHNER
SKN



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 227 - K / AX - 2022

Date 27.02.2022

Geophysical Borehole Logging Report

Name of the site : Kurthiya, Block - Semariyawan

District : Sant Kabir Nagar

Date : 27.02.2022

Depth logged : 160.0 mbgl

Depth drilled : 165.0 mbgl - as reported

Logged by : Aqua Xplore

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

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	23.0-30.0	7.0	Good all
2	35.0-47.0	12.0	
3	50.0-59.0	9.0	
4	63.0-75.0	12.0	
5	84.0-88.0	4.0	
6	95.0-105.0	10.0	
7	110.0-120.0	10.0	
8	125.0-132.0	7.0	
9	138.0-150.0	12.0	

Note.

Dr. R. A. Yadav

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per logs provided.
NOTE - Sr No 3 - 52-59 may consider.
Sr No 5 - 05-08 mbgl may consider.
Sr No 7 - 112-120 mbgl may consider.
Sr No 8 - 127-132 mbgl may consider to avoid the salt.
ASSISTANT HYDROGEOLOGIST
YATRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ