

22	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	

MAR 18  
FRI

Mahavani C.P. W.S.S. Re. Block - Somaniyam, Dist. Sant Kabir Nagar, India, J.M.

Base Size  $\Rightarrow$  600 x 500 mm dia, 154/140 m

M/S MEIL, SKN.

Assembly Size  $\Rightarrow$  300 x 150 mm dia

O. of Lowering  $\Rightarrow$  256.52

Required discharge  $\Rightarrow$  800 lpm

O. 50 MAGL

Logging Report Dtd. 22-6-22

S.N. Depth Range Thickness.

1. 37-47  $\Rightarrow$  10m
2. 50-54  $\Rightarrow$  4m
3. 56-78  $\Rightarrow$  22m
4. 86-90  $\Rightarrow$  4m
5. 92-98  $\Rightarrow$  6m
6. 118-122  $\Rightarrow$  4m
7. 136-143  $\Rightarrow$  7m V.F.S (Yellow)
8. 147-152  $\Rightarrow$  5m 154/153m

All Zone are K/M C Fine Sand.

		6.09m	
		6.43m	
		6.05m	
		6.42m	
		6.01m	
		6.42m	36.92m
		0.20m	37.12m
		6.01m	
		6.03m	28.36m
		6.02m	
		6.01m	
		4.29m	65.48m
	6.02	12.02m	
	6.00	77.50m	
		37.42m	
		24.02m	
		66.37m	
		127.01m	
		+0.20m	
		128.01m	
	3.00	9.02m	86.52m
	3.00	89.52m	
	6.00	2.48m	92.00m
	6.00	98.00m	
		6.02m	
		6.02m	20.50m
		6.01m	
		2.45m	118.50m
	3.00	121.50m	
		6.01m	127.51m
			AGL +0.50m
			128.01m

M/S MEIL  
SKN

M/S FICHTNER  
SKN

JE AE EE 2022



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001  
Mob. 9918202546 / 9889323322, E mail- aquaxplore1ko@gmail.com

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

Ref. 622 - M / AX - 2022

Date 22.06.2022

## Geophysical Borehole Logging Report

Name of the site : Mahuaari, Block - Semariyawan

District : Sant Kabir Nagar

Date : 22.06.2022

Depth logged : 153.0 mbgl

Depth drilled : 165.0 mbgl - as reported

Logger use : Robertson make

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
<del>1</del>	37.0-47.0	10.0	Good all
<del>2</del>	50.0-54.0	4.0	
<del>3</del>	56.0-78.0	22.0	
<del>4</del>	86.0-90.0	4.0	
<del>5</del>	92.0-98.0	6.0	
<del>6</del>	118.0-122.0	4.0	
<del>7</del>	136.0-143.0	7.0	
<del>8</del>	147.0-152.0	5.0	

Note. All zones are intermixed with fine bands of kankar.

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

for Aqua Xplore

Verified as per  
logs provided.

ASSISTANT MANAGER (G. & I.)  
22/06/2022  
PRANABRAJ