

APR 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	

WK 14 • 087-278

MAR 28  
MON

NIGHURI G.P. W. S. S. T. W. BLOCK - SANTHA, DIST. SANT KABIR NAGAR under JJMP program

Bore Size  $\Rightarrow$  550 X 500 mm dia, 175/160 m

M/S MEIL SKM

Assembly Size  $\Rightarrow$  200 X 150 mm dia

D. of. Lowering = 12-7-22

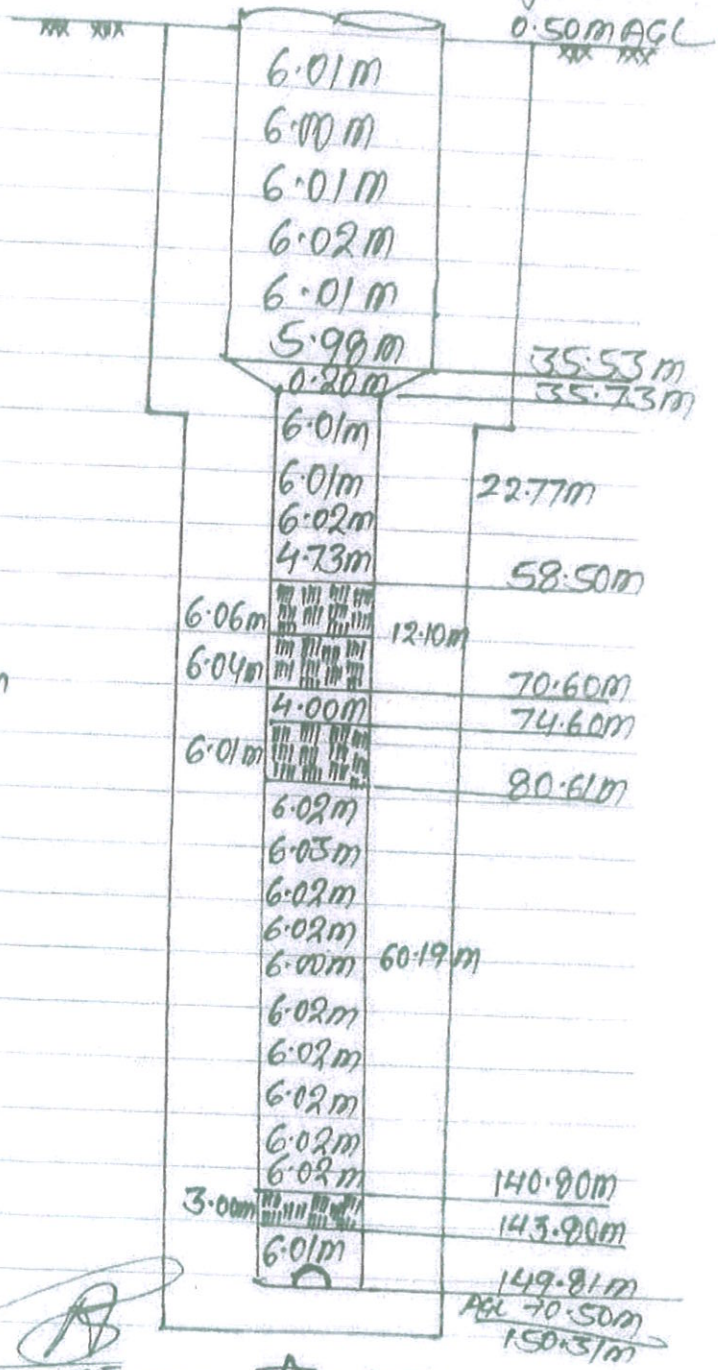
Required discharge  $\Rightarrow$  600 lpm

Logging Report Dtd. 10-7-22

S.N. Depth Range Thickness

1. 15-20  $\Rightarrow$  5m
2. 25-37  $\Rightarrow$  12m
3. 45-53  $\Rightarrow$  8m
4. 58-71  $\Rightarrow$  13m
5. 74-81  $\Rightarrow$  7m
6. 99-103  $\Rightarrow$  4m
7. 106-110  $\Rightarrow$  4m
8. 123-130  $\Rightarrow$  7m F.S.
9. 140-146  $\Rightarrow$  6m
10. 150-154  $\Rightarrow$  4m F.S. 175/162m

All zones are KIM (Fine sand)



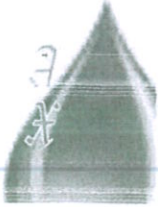
Arkit  
12/7  
M/S MEIL SKM

M/S FICHTNER SKM

JE

AE EE  
ZE, DOCEIM  
UPONER  
GRP

2022



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Mob. 9918202546 / 9889323322, E mail- aquaxploreelko@gmail.com

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

Ref. 710 - N / AX - 2022

Date 10.07.2022

## Geophysical Borehole Logging Report

Name of the site : Nigouri, Block - Santha

District : Sant Kabir Nagar

Date : 10.07.2022

Depth logged : 162.0 mbgl

Depth drilled : 175.0 mbgl - as reported

Logger use : UPTRON 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(mbg)	Thickness(m)	Remarks
<del>1</del>	15.0—20.0	5.0	Good all
<del>2</del>	25.0—37.0	7.0	
<del>3</del>	45.0—53.0	8.0	
<del>4</del>	58.0—71.0	13.0	
<del>5</del>	74.0—81.0	7.0	
<del>6</del>	99.0—103.0	4.0	
<del>7</del>	106.0—110.0	4.0	
<del>8</del>	123.0—130.0	7.0	
<del>9</del>	140.0—146.0	4.0	
<del>10</del>	150.0—154.0	4.0	

Note, All zones are intermixed with fine bands of kankar. Sl.Nos. 8 & 10 are fine sand.

To

M/S Megha Engineering & Infrastructure Ltd  
Hyderabad

for Aqua Xplore

Verified as per  
logs provided.

S. S. S.  
ASSISTANT HYDROGEOLOGIST  
U. P. JAL NIGAM (RURAL)  
PRAYAGRAJ