

Sukrauli w.s.s.T.W. Block - Santha, Dist: Sant Kabir Nagar under JMM program

Base Size \Rightarrow 550mm dia only 165m/150m

M/S METL. SKN

Assembly Size \Rightarrow 200 x 150mm dia

SWL =

D. of lowering \Rightarrow 11.2.22

Required discharge \Rightarrow 400 lpm

G.L.

0.50 MAGL

S.N.	Depth Range	Thickness	Remarks	Depth (m)	0.50 MAGL
10	1 ED			6.03 m	
	Logging Report Dated 9 ² / ₂₂			6.01 m	
11	1. 28-38	\Rightarrow 10m		6.03 m	
	2. 46-54	\Rightarrow 8m		6.02 m	
12	3. 64-70	\Rightarrow 6m		6.02 m	
	4. 72-78	\Rightarrow 6m	F.S. + KIM	6.01 m	35.62m
	5. 80-86	\Rightarrow 6m	F.S. + KIM	0.20 m	35.82m
	6. 102-112	\Rightarrow 10m	F.S. + KIM	6.02 m	
	7. 118-126	\Rightarrow 8m		6.07 m	
2	8. 144-152	\Rightarrow 8m		6.03 m	36.18m
				6.03 m	
3			165/157m	6.01 m	
			36.12m	6.02 m	72.00m
4			12.02m	6.02 m	600m 78.00m
			83.22m	6.02 m	
5			131.36m	6.02 m	
			0.20 m	6.02 m	
			131.56m	6.03 m	41.00m
6				6.01 m	
				6.00 m	
				4.90 m	
					119.00m
				6.02 m	125.02m
				6.04	131.06m
					+0.50m
					131.56m



M/S FICHTNER SKN

JE

AE
COO (EM)
UPDN (R)
SKN

EE

2022



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 209 - S / AX - 2022

Date 09.02.2022

Geophysical Borehole Logging Report

Name of the site : Sukrauli, Block - Satha

District : Sant Kabir Nagar

Date : 09.02.2022

Depth logged : 156.0 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	28.0—38.0	10.0	Good all
2	46.0—54.0	8.0	
3	64.0—70.0	6.0	
4	72.0—78.0	6.0	
5	80.0—86.0	6.0	
6	102.0—112.0	10.0	
7	118.0—126.0	8.0	
8	144.0—152.0	8.0	

Note. Sl. Nos.4, 5 & 6 are fine sand intermixed with kankar.

Verified as per logs provided.

To

Note - In Sr No-M/S Megha Engineering & Infrastructure Limited
2-48-54 mbgl Hyderabad
and in Sr No 7-120-126
mbgl should consider.

- Sr No 5 and 6 should be avoided.

for Aqua Xplore

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PRAYAGRAJ.