

7	1	2	3	4	5	6
14	8	9	10	11	12	13
21	15	16	17	18	19	20
28	22	23	24	25	26	27

JAN 31
MON

Sample w: 5-5-TW. Block-mafdarwal. Pit-Sant Kabir Nagar vunder 50m

Bore Size \Rightarrow 550mm ϕ , 176/160m

M/S METL SKH
S.W.L. \approx 4.10m
D. of Location \approx 11 32

Assembly Size \Rightarrow 200x150mm dia

Required discharge \Rightarrow 450 lpm

270/ED/2-2
16 Feb 22

Logging Report dated 9²/₂₂

S.N. Depth Range Thickness

1. 22-34 \Rightarrow 12m
2. 42-57 \Rightarrow 15m
3. 62-75 \Rightarrow 13m
4. 88-92 \Rightarrow 4m F.S.
5. 100-107 \Rightarrow 7m F.S.

6. 116-120 \Rightarrow 4m

7. 146-150 \Rightarrow 4m

8. 156-176 \Rightarrow 20m

All zones are intermixed with Kankar
176m/176m

6:03m	0.50m AGL
6:05m	
6:04m	
6:03m	
6:01m	
6:04m	35.70m
0:20m	35.90m
6:03m	
6:01m	
6:03m	26.69m
6:03m	
2:59m	62.59m
6:02m	12.06m
6:04m	74.65m
6:03m	
6:02m	
6:03m	
6:04m	
6:03m	81.77m
6:03m	
6:03m	
6:02m	
6:03m	
6:02m	
3:39m	156.42m
6:04m	162.46m
6:04m	168.50m
	AGL + 0.50m
	TOTAL 169.00m

7) Plate = 114.50
18.10
132.60
6) 150 slots = 36.20
Plate = 36.20

36.20m
18.10m
114.50m
168.80m
+ 0.20m Riser
169.00m



M/S FICHTNER SKH

JE

AE EE
UPON(R)
GKP

2022



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

Ref. 209 - SM / AX - 2022

Date 09.02.2022

Geophysical Borehole Logging Report

Name of the site : Samda, Block - Mehdawal

District : Sant Kabir Nagar

Date : 09.02.2022

Depth logged : 176.0 mbgl

Depth drilled : 177.0 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(mbg)	Thickness(m)	Remarks
①	22.0-34.0	12.0	Good all
②	42.0-57.0	15.0	
③	62.0-75.0	13.0	
④	88.0-92.0	4.0	
⑤	100.0-107.0	7.0	
⑥	116.0-120.0	4.0	
⑦	146.0-150.0	4.0	
⑧	156.0-176.0	20.0	

Note. Sl. Nos.4 & 5 are fine sand. All zones are intermixed with kankar.

[Signature]

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per logs provided.

Note - In Sr No 2 - 42-50 and 52-57 mbgl should consider to avoid fine sediments.
- Sr No 4 and 5 are fine sediments intermixed with kankar, should be avoided.

[Signature]
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL);
DWAJAGRAI