

Name Of GP: Saichopoor

BLOCK: Santha

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS	
0	clay xxx	6.43 M	0.50M GL	SL Lowering Date -	30/11/2022
21	M. SAND + 10% kankar	6.42 M	xxx	1 Tubewell Discharge in LPM	
26	Fine kankar + SAND	6.44 M		2 Drilling Depth	Di Dia- Dia-
30	HARD clay	6.02 M		3 Tubewell Assembly Size -	
37	Fine kankar + SAND	6.01 M		Depth Logged-	Date of Logging -
47	HARD clay	0.20 M		SI	Depth Range MbgI
51	F.o.k. + SAND	6.02 M			Thickness in Mtr.
55	clay	1.86 M		1	21-26
60	F.o.k. + SAND	6.02 M		2	30-37
63	HARD clay	6.01 M		3	47-51
70	F.o.k. + SAND	6.00 M		4	56-60
70	HARD clay	6.01 M		5	63-70
94	F.o.k. + SAND	1.00 M		6	74-98
98	HARD clay	6.02 M		7	128-132
128	clay	5.99 M		8	135-140
132	F.o.k. + SAND	6.01 M		9	158-116
136	clay	5.00 M		10	170-178
140	F.o.k. + SAND	6.02 M		Remarks.	
158	HARD clay	6.01 M			
170	H.o.k. + SAND	1.00 M			All good
178	soil	6.02 M		Note:- All zone intermitted kankar SL No. 98/10 are H. Kankar intermitted	
Total Depth-		AGL+0.50M		ASSEMBLY DETAILS	
				200mm Dia Housing Pipe A.G.L 0.50m	
				200 mm Dia Housing Pipe B.G.L 37.24m	
				200x150 mm Dia Reducer 37.24m to 37.44m	
				150 mm Dia plain Pipe 37.44 to 63.39m	
				150 mm Dia slotted Pipe 63.39 to 69.41m	
				150 mm Dia plain Pipe 69.41 to 94.43m	
				150 mm Dia slotted Pipe 94.43 to 97.43m	
				150 mm Dia plain Pipe 97.43 to 128.25m	
				150 mm Dia slotted Pipe 128.25 to 131.45m	
				150 mm Dia plain Pipe 131.45 to 136.45m	
				150 mm Dia slotted Pipe 136.45 to 139.45m	
				150 mm Dia plain Pipe 139.45 to 158.50	
				150 mm Dia slotted Pipe 158.50 to 164.49m	
				150 mm Dia plain Pipe 164.49 to 167.50m	
				mm Dia Pipe to	
				mm Dia Pipe to	
				mm Dia Pipe to	
				mm Dia Pipe to	
				Total assembly- 167.50 Mtr. + A.G.L. = 168.00m	
				3- Proposed Assembly for lowering	
				(1) 300MM DIA MSERW HOUSING PIPE = 37.74 m	
				(2) 200MM DIA MSERW HOUSING PIPE =	
				(3) 150MM DIA MSERW PLAIN PIPE = 109.05m	
				(4) 150MM MSERW SLOTTED PIPE = 21.01m	
				(5) 300/150 REDUCER =	
				(6) 200/150 REDUCER =	
				(7) 300MM DIA WELL CAP =	
				(8) 200MM DIA WELL CAP =	
				(9) 150MM DIA CENTRE GUIDE =	
				(10) MM DIA BORE DIGGING =	
				(11) MM DIA BORE DIGGING =	
				(11) Gravel Packing =	
				Total assembly- 168.00 m	

[Signature]
MEIL (QC)

[Signature]
TPI (FIGHTNER)

[Signature]
CLIENT(SWSM/UPJN)



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. 1123 - S / AX - 2022

Date 23.11.2022

Geophysical Borehole Logging Report

Name of the site : Sevaichpar, Block – Mehdawal

District : Sant Kabir Nagar

Date : 23.11.2022

Depth logged : 178.0 mbgl

Depth drilled : 180.0 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
1	21.0–26.0	5.0	Good all
2	30.0–37.0	7.0	
3	47.0–51.0	4.0	
4	56.0–60.0	4.0	
5	63.0–70.0	7.0	
6	94.0–98.0	4.0	
7	128.0–132.0	4.0	
8	136.0–140.0	4.0	
9	158.0–166.0	8.0	
10	170.0–178.0	8.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 9 & 10 are highly kankar intermixed.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per logs provided.

Dr. R. A. Yadav
ASSISTANT HYDROGEOLOGIST
CIRCULAR OFFICE (R/M)
U.P. JAL NIGAM (RURAL)
FR. MORAJ