

Name Of GP: Sukhipur

BLOCK: Nath Nagar

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS			
		0.50 m GL		SL Lowering Date -	19-06-2023		
		XXX		1 Tubewell Discharge in LPM	450 LPM		
		XXX		2 Drilling Depth	132 m Di Dia- 680mm ϕ - 90mm Di Dia- 500mm ϕ 92m		
				3 Tubewell Assembly Size-	200X150 mm ϕ		
				Depth Logged-	Date of Logging -		
				SI	Depth Range Mbgl	Thickness in Mtr.	Remarks.
0	Soil	6.01		1	16-24	8	All good
16	Sand +FK	6.00		2	28-32	4	
24	Clay	6.02		3	43-48	5	
28	Sand +FK	6.00		4	52-60	8	
32	H. Clay	6.01		5	64-76	12	
43	Sand +FK	6.01		6	100-104	4	
48	H. Clay	6.01		7	108-112	4	
52	M. Sand +FK	6.01	35.54	8			
60	Clay	0.20	35.74	9			
64	M. Sand +FK	6.01		Note: All Zones are intermixed with fine bands of Kaolien.			
76	H. Clay	6.01		ASSEMBLY DETAILS			
80	M. Sand +FK	6.01	53.77	200 mm Dia Housing Pipe A.G.L 0.50m			
84	Clay	6.01		200 mm Dia Housing Pipe B.G.L 35.54m			
88	M. Sand +FK	6.01		200X150 mm Dia Reducer 35.54 to 35.74			
92	H. Clay	6.02	59.77	150 mm Dia Plain Pipe 35.74 to 53.77			
96	M. Sand +FK	6.01		150 mm Dia Slotted Pipe 53.77 to 59.77			
100	Clay	6.01	65.79	150 mm Dia Plain Pipe 59.77 to 65.79			
104	M. Sand +FK	6.01		150 mm Dia Slotted Pipe 65.79 to 74.80			
108	H. Clay	6.01		150 mm Dia Plain Pipe 74.80 to 100.84			
112	M. Sand +FK	6.01		150 mm Dia Slotted Pipe 100.84 to 103.84			
116	Clay	6.01		150 mm Dia Plain Pipe 103.84 to 109.86			
120	M. Sand +FK	6.01					
124	H. Clay	6.01					
128	M. Sand +FK	6.01					
132	H. Clay	6.01					
136	M. Sand +FK	2.00		Total assembly- 109.86 Mtr. + A.G.L = 110.36 m			
140	H. Clay	6.02		3- Proposed Assembly for lowering			
144				(1) 300MM DIA MSERW HOUSING PIPE =			
148				(2) 200MM DIA MSERW HOUSING PIPE = 36.04 m			
152				(3) 150MM DIA MSERW PLAIN PIPE = 56.11 m			
156				(4) 150MM MSERW SLOTTED PIPE = 18.01 m			
160				(5) 300/150 REDUCER =			
164				(6) 200/150 REDUCER = 0.20 m			
168				(7) 300MM DIA WELL CAP =			
172				(8) 200MM DIA WELL CAP =			
176				(9) 150MM DIA CENTRE GUIDE =			
180				(10) MM DIA BORE DIGGING =			
184				(11) MM DIA BORE DIGGING =			
188				(11) Gravel Packing =			
192				Total assembly- 110.36 m			
196				AGL+0.50M +0.50			
200				TOTAL Assembly - 110.36m			



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. 616 - SN / AX - 2023

Date 16.06.2023

Geophysical Borehole Logging Report

Name of the site : Sukhipur, Block – Nath Nagar

District : Sant Kabir Nagar

Date : 16.06.2023

Depth logged : ~~132.0~~ mbgl

Depth drilled : 133.0 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	16.0—24.0	8.0	Good all
2	28.0—32.0	4.0	
3	43.0—48.0	5.0	
4	52.0—60.0	8.0	
5	64.0—76.0	12.0	
6	100.0—104.0	4.0	
7	108.0—112.0	4.0	

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

Verified as per
logs provided

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

G. S. Ch
17/06/23