

Name Of GP: **Phulai - TW-1**

BLOCK: **Haiser bazar**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS			
			0.50 GL	SL Lowering Date -	03-06-2023		
				1 Tubewell Discharge in LPM	500 LPM		
				2 Drilling Depth	154m Di Dia- 550mm φ - 40m Di Dia- 500mm φ - 11 #		
				3 Tubewell Assembly Size -	200 X 150 mm φ		
				Depth Logged-	Date of Logging -		
				SI	Depth Range Mbgl		
					Thickness in Mtr.		
					Remarks.		
22	Soil	6.07		1	22 - 26	4	
26	Sand + Kankar	6.07		2	31 - 35	4	All good
	Clay	6.02		3	46 - 58	12	
31	Sand + Kankar	6.08		4	62 - 66	4	
	Clay	6.09		5	86 - 90	4	
35	Sand + Kankar	6.06		6	112 - 116	4	
	Clay	0.20		7	124 - 128	4	
46	M. Sand + Kankar	6.01		8	138 - 144	6	
	M. Sand + Kankar	6.01		9			
58	H. Clay	3.40		Note:- All zones are kankar intermixed.			
	M. Sand + Kankar	6.01		ASSEMBLY DETAILS			
62	H. Clay	5.00		200mm Dia Housing Pipe A.G.L 0.50			
	M. Sand + Kankar	3.00		200 mm Dia Housing Pipe B.G.L 35.89			
66	Clay	6.01		200X150 mm Dia Reducer 35.89 to 36.09			
	M. Sand + Kankar	5.00		150 mm Dia Plain Pipe	36.09	to 51.51	
86	Clay	6.01		150 mm Dia Slotted Pipe	51.51	to 57.52	
	M. Sand + Kankar	3.00		150 mm Dia Plain Pipe	57.52	to 62.52	
90	H. Clay	6.01		150 mm Dia Slotted Pipe	62.52	to 65.52	
	M. Sand + Kankar	3.02		150 mm Dia Plain Pipe	65.52	to 86.56	
112	Clay	6.01		150 mm Dia Slotted Pipe	86.56	to 89.58	
	M. Sand + Kankar	6.00		150 mm Dia Plain Pipe	89.58	to 112.58	
116	Clay	5.00		150 mm Dia Slotted Pipe	112.58	to 115.58	
	M. Sand + Kankar	3.00		150 mm Dia Plain Pipe	115.58	to 124.59	
124	H. Clay	6.01		150 mm Dia Slotted Pipe	124.59	to 127.61	
	M. Sand + Kankar	3.00		150 mm Dia Plain Pipe	127.61	to 133.61	
128	H. Clay	6.01		Total assembly- 133.61 Mtr. + A.G.L = 134.11 m			
	Sand + Kankar	3.00		3- Proposed Assembly for lowering			
138	H. Clay	6.00		(1) 300MM DIA MSERW HOUSING PIPE =			
	M. Sand + Kankar	3.00		(2) 200MM DIA MSERW HOUSING PIPE =	36.39 m		
144	H. Clay	6.00		(3) 150MM DIA MSERW PLAIN PIPE =	79.47 m		
154	H. Clay	6.00		(4) 150MM MSERW SLOTTED PIPE =	18.05 m		
				(5) 300/150 REDUCER =			
				(6) 200/150 REDUCER =	0.20 m		
				(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 Depth-		AGL+0.50M	+0.50	Total assembly-	134.11 m		
				TOTAL Assembly-	134.11		

[Signature]
MEIL (QC)

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TPI (FICHTNER)

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CLIENT(SWSM/UPJN)

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CLIENT(SWSM/UPJN)



Aqua Xplore

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

Ref. 602 - P/ AX - 2023

Date 02.06.2023

Geophysical Borehole Logging Report

Name of the site : Pauli/Phulai, Block – Hainsar Bazar

District : Sant Kabir Nagar

Date : 02.06.2023

Depth logged : 146.0 mbgl

Depth drilled : 154.0 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	22.0----26.0	4.0	Good all
2	31.0----35.0	4.0	
3	46.0----58.0	12.0	
4	62.0----66.0	4.0	
5	86.0----90.0	4.0	
6	112.0----116.0	4.0	
7	124.0----128.0	4.0	
8	138.0----144.0	6.0	

Note. All zones are kankar intermixed.

Verified as per
logs provided.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

G. R. H.

02/06/23