

Name Of GP: **Tikari**

BLOCK: **Mehdawal**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS		
0	clay	5.98m	0.50 AGL	SL Lowering Date -	11/02/2023	
24	Sand + FF	6.01m	XXX	1 Tubewell Discharge in LPM	400 LPM	
32	clay	6.00m	XXX	2 Drilling Depth	132 m Di Dia- Dia-	
40	Sand + FF	5.99m		3 Tubewell Assembly Size -	200 X 150mm	
44	clay	5.92m		Depth Logged-	Date of Logging -	
55	Sand + FF	5.99m		SI	Thickness in Mtr.	
68	clay	0.20m	35.38m	1	24-32	8
72	Sand + FF	6.01m	35.58m	2	40-44	4
82	clay	6.00m		3	55-68	13
113	Sand + FF	6.02m		4	72-82	10
120	clay	6.01m		5	113-120	7
132	clay	2.00m	61.62m	6		
		6.00m	67.62m	7		
		9.01m	72.50m	8		
		4.88m	81.51m	9		
		6.01m				
		6.01m				
		6.01m				
		6.02m				
		6.00m				
		1.94m	113.50m			
		3.00m	116.50m			
		3.00m	119.50m			

SI	Depth Range Mbgl	Thickness in Mtr.	Remarks.
1	24-32	8	all good
2	40-44	4	
3	55-68	13	
4	72-82	10	
5	113-120	7	

Note:- All zones are intermixed with fine bands of kankar

ASSEMBLY DETAILS			
200	mm Dia Housing Pipe A.G.L	0.50m	
200	mm Dia Housing Pipe B.G.L	35.38m	
200 X 150	mm Dia Reducer	35.38m	to 35.59 m
150	mm Dia Plain Pipe	35.58m	to 61.62m
150	mm Dia Slotted Pipe	61.62m	to 67.62m
150	mm Dia Plain Pipe	67.62m	to 72.50m
150	mm Dia Slotted Pipe	72.50m	to 81.51m
150	mm Dia Plain Pipe	81.51m	to 113.50m
150	mm Dia Slotted Pipe	113.50m	to 116.50m
150	mm Dia Plain Pipe	116.50m	to 119.50m

Total assembly-	119.50m	Mtr. + A.G.L =	120mtr
3- Proposed Assembly for lowering			
(1) 300MM DIA MSERW HOUSING PIPE	=		
(2) 200MM DIA MSERW HOUSING PIPE	=	35.88m	
(3) 150MM DIA MSERW PLAIN PIPE	=	65.91m	
(4) 150MM MSERW SLOTTED PIPE	=	18.01m	
(5) 300/150 REDUCER	=		
(6) 200/150 REDUCER	=	0.20m	
(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	120.50m	Total assembly-	120mtr
	TOTAL Assembly-	120mtr		

MEIL (QC) **Sandip** TPI (FICHTNER) **Nikhil** CLIENT(SWSM/UPJN) **AK**



Aqua Xplore

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

Ref. 208 - TM / AX - 2023

Date 08.02.2023

Geophysical Borehole Logging Report

Name of the site : Tikri, Block - Mehdawal

District : Sant Kabir Nagar

Date : 08.02.2023

Depth logged : ~~134.8~~ mbgl

Depth drilled : 145.0 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	24.0-32.0	8.0	Good all
2	40.0-44.0	4.0	
3	55.0-68.0	13.0	
4	72.0-82.0	10.0	
5	113.0-120.0	7.0	

Note: All zones are intermixed with fine bands of kankar. Sl. No. 2 is highly kankar intermixed.

Verified as per logs provided.
Gich
09/02/23

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad