

Name Of GP: **Imilia** BLOCK: **Santha** DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L	PROPOSED LOWERED ASSEMBLY	DPR DETAILS
	0.50m GL XXX	SL Lowering Date - 14.01.2023
24	6.07 6.07	1 Tubewell Discharge in LPM 400 LPM
		2 Drilling Depth 165m Di Dia- 550-40, Dia- 500-125m
		3 Tubewell Assembly Size - 200 X 150mm
32	6.06	Depth Logged- _____ Date of Logging - 10.01.2023
	6.04	SI
34	6.06	Depth Range Mbgl
	6.05	Thickness in Mtr.
38		Remarks
54	0.20m	1 24-32 8
	36.05m	2 34-38 7
61	6.07	3 54-61 7
	6.05	4 66-71 5 <i>all good</i>
66	6.05	5 83-87 4
	6.06	6 90-100 10
71	6.05	7 122-130 8
	6.05	8 145-149 4
83	6.08	9 155-162 7
	6.04	Note:- <i>All Zones are intermixed with fine bands of kankar</i>
87	6.08	ASSEMBLY DETAILS
90	6.05	200 mm Dia Housing Pipe A.G.L 0.50m
100	3.00	200 mm Dia Housing Pipe B.G.L 35.85m
	6.02	200X150 mm Dia Reducer 35.85m to 36.05m
122	6.07	150 mm Dia Plain Pipe 36.05 to 93.58m
	6.04	150 mm Dia Slotted Pipe 93.58 to 99.60m
130	6.06	150 mm Dia Plain Pipe 99.60 to 123.84m
	6.07	150 mm Dia Slotted Pipe 123.84 to 129.86m
145		150 mm Dia Plain Pipe _____ to _____
149		mm Dia _____ Pipe _____ to _____
155		mm Dia _____ Pipe _____ to _____
162		mm Dia _____ Pipe _____ to _____
165		mm Dia _____ Pipe _____ to _____
		Total assembly- 135.94 Mtr. + A.G.L = 136.44 m
		3- Proposed Assembly for lowering
		(1) 300MM DIA MSERW HOUSING PIPE = _____
		(2) 200MM DIA MSERW HOUSING PIPE = 36.35m
		(3) 150MM DIA MSERW PLAIN PIPE = 87.85m
		(4) 150MM MSERW SLOTTED PIPE = 12.04m
		(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 assembly- 136.44m

Total Depth- _____ AGL+0.50M **+0.50** TOTAL Assembly - **136.44m**

MEIL (QC) *[Signature]* TPI (FICHTNER) *[Signature]* CLIENT(SWSM/UPJN) *[Signature]*



Aqua Xplore

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Ref. 110 - I / AX - 2023

Date 10.01.2023

Geophysical Borehole Logging Report

Name of the site : Imilia, Block - Santha

District : Sant Kabir Nagar

Date : 10.01.2023

Depth logged : ~~162.0~~ mbgl

Depth drilled : 165.0 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	34.0--38.0	4.0	
3	54.0--61.0	7.0	
4	66.0--71.0	5.0	
5	73.0--77.0 83-87	4.0	
6	90.0--100.0	10.0	
7	122.0--130.0	8.0	
8	145.0--149.0	4.0	
9	155.0--162.0	7.0	

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

GSh
11/01/23