

Name Of GP: Sanda

BLOCK: Baghawali

DEPTH OF STRATA M.B.G.L	PROPOSED LOWERED ASSEMBLY	DPR DETAILS
0	clay	51 Lowering Date - <u>21/01/2023</u>
16	M-SAND Kankar	1 Tubewell Discharge in LPM
26	Fine Kankar SAND	2 Drilling Depth Dia-
28	HARD clay	3 Tubewell Assembly Size -
32	Fine Kankar SAND	Depth Logged- Date of Logging -
38	HARD clay	SI Depth Range Mbgl Thickness In Mtr. Remarks.
48	Fine Kankar SAND	1 16 - 26 10
53	HARD clay	2 28 - 32 4
66	Fine Kankar SAND	3 38 - 48 10
70	HARD clay	4 53 - 66 13
78	Fine Kankar SAND	5 70 - 78 8
82	HARD clay	6 82 - 88 6
88	Fine Kankar SAND	7 93 - 97 4
93	HARD clay	8 108 - 112 4
97	Fine Kankar SAND	9
108	SOIL	Note:-
112		ASSEMBLY DETAILS
		200 mm Dia Housing Pipe A.G.L 0.50M
		200 mm Dia Housing Pipe B.G.L 35.70M
		200x150 mm Dia Reducer 35.70 to 35.90M
		150 mm Dia plain Pipe 35.90 to 70.05M
		150 mm Dia slotted Pipe 70.05 to 76.07M
		150 mm Dia plain Pipe 76.07 to 82.05M
		150 mm Dia slotted Pipe 82.05 to 88.07M
		150 mm Dia plain Pipe 88.07 to 93.50M
		150 mm Dia slotted Pipe 93.50 to 96.50M
		150 mm Dia plain Pipe 96.50 to 108.62M
		150 mm Dia slotted Pipe 108.62 to 111.62M
		150 mm Dia plain Pipe 111.62 to 117.68M
		Total assembly- 117.68 Mtr. + A.G.L = 118.18M
		3- Proposed Assembly for lowering
		(1) 300MM DIA MSERW HOUSING PIPE =
		(2) 200MM DIA MSERW HOUSING PIPE = 36.20M ✓
		(3) 150MM DIA MSERW PLAIN PIPE = 63.74M ✓
		(4) 150MM MSERW SLOTTED PIPE = 18.04M ✓
		(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 assembly- 118.18M

Total Depth- 118.18M TOTAL Assembly - 118.18M AGL+0.50M

Deepak Kumar. MEIL (QC) TPI (FICHTNER) CLIENT(SWSM/UPJN)

Aqua Xplore

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

Ref. 119 - S / AX - 2023

Date 19.01.2023

Geophysical Borehole Logging Report

Name of the site : Samda, Block – Baghauri

District : Sant Kabir Nagar

Date : 19.01.2023

Depth logged : ~~155.0~~ mbgl

Depth drilled : 158.0 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	16.0–26.0	10.0	Good all
2	28.0–32.0	4.0	
3	38.0–48.0	10.0	
4	53.0–66.0	13.0	
5	70.0–78.0	8.0	
6	82.0–88.0	6.0	
7	93.0–97.0	4.0	
8	108.0–112.0	4.0	

Note. All zones are intermixed with fine bands of kankar. No suitable zones were encountered below 122.0 mbgl till depth logged.

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Verified as per
logs provided.

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

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G.S.H.
20/01/23