

Name Of GP: Bargadwa Kalan BLOCK: Belhar Kal DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L	PROPOSED LOWERED ASSEMBLY	
0	Soil	6.04M
25	Sand + FK	6.04M
30	Clay	6.01M
41	Sand + FK	6.03M
45	H. Clay	6.06M
50	Sand + FK	0.20M
57	Clay	6.07M
67	M. Sand + FK	6.05M
77	Clay	6.06M
92	M. Sand + FK	3.50
96	H. Clay	4.00
100	M. Sand + FK	6.00
104	Clay	6.07M
109	M. Sand + FK	4.00M
113	H. Clay	6.07M
125	Sand + FK	6.07M
130	Clay	3.00
132	Clay	5.00
		6.07M

DPR DETAILS			
1	Lowering Date - 21/01/2023		
2	Tubewell Discharge in LPM 500 LPM		
3	Drilling Depth 132m Dia- Dia-		
4	Tubewell Assembly Size - 200X150mmcp		
Date of Logging -			
SI	Depth Range Mbgl	Thickness in Mtr.	Remarks.
1	25 - 30	5	All good
2	41 - 45	4	
3	50 - 57	7	
4	67 - 77	10	
5	92 - 96	4	
6	100 - 104	4	
7	109 - 113	4	
8	125 - 130	5	
9			

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	35.72M
200X150 mm Dia Reducer	35.72M to 35.92M
150 mm Dia plain Pipe	35.92 to 67.60M
150 mm Dia slotted Pipe	67.60 to 76.60M
150 mm Dia plain Pipe	76.60 to 92.74M
150 mm Dia slotted Pipe	92.74 to 95.77M
150 mm Dia plain Pipe	95.77 to 100.77M
150 mm Dia slotted Pipe	100.77 to 103.80M
150 mm Dia plain Pipe	103.80 to 109.87M
150 mm Dia slotted Pipe	109.87 to 112.87M
150 mm Dia plain Pipe	112.87 to 118.94M

Total assembly - 118.94 Mtr. + A.G.L = 119.44M

- 3- Proposed Assembly for lowering
- (1) 300MM DIA MSERW HOUSING PIPE =
 - (2) 200MM DIA MSERW HOUSING PIPE = 36.22M
 - (3) 150MM DIA MSERW PLAIN PIPE = 64.96M
 - (4) 150MM MSERW SLOTTED PIPE = 18.06M
 - (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 - 119.44M

Total Depth -
[Signature]
MEIL (QC)

TOTAL Assembly -
AGL+0.50M
10.50
119.44
[Signature]
TPI (FICHTNER)

[Signature]
CLIENT(SWSM/UPJN)



Aqua Xplore

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

Ref. 119 - B / AX - 2023

Date 19.01.2023

Geophysical Borehole Logging Report

Name of the site : Bargadwa Kalan, Block – Mehdawal

District : Sant Kabir Nagar

Date : 19.01.2023

Depth logged : ~~140.0~~ mbgl

Depth drilled : 146.0 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	25.0—30.0	5.0	Good all
2	41.0—45.0	4.0	
3	50.0—57.0	7.0	
4	67.0—77.0	10.0	
5	92.0—96.0	4.0	
6	100.0—104.0	4.0	
7	109.0—113.0	4.0	
8	125.0—130.0	5.0	

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

Verified as per
logs provided
G.S.H
20/01/23

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad