

Name Of GP: **Pajra bhiri**

BLOCK: **Belhar Kala**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA
M.B.G.L

PROPOSED LOWERED ASSEMBLY

DPR DETAILS

0	Soil	6.02	0.50 m GL
16	Sand + FK	6.03	
22	clay	6.50	
32	Sand + FK	6.01	
36	H. clay	6.02	
42	Sand + FK	5.98	36.06 m
46	clay	0.20	36.26 m
51	M. Sand + FK	6.02	
64	H. clay	6.03	51.31 m
69	M. Sand + FK	3.00	
76	H. clay	6.01	63.35 m
79	M. Sand + FK	6.03	
86	H. clay	6.00	69.35 m
108	M. Sand + FK	6.02	75.37 m
112	clay	3.8	79.17 m
136	M. Sand + FK	6.01	85.18 m
140	H. clay	6.02	
142	M. Sand + FK	6.02	
146	H. clay	6.07	
157	Sand + FK	5.54	108.83 m
	H. clay	3.00	111.83 m
	clay	6.03	
	M. Sand + FK	6.07	
	H. clay	6.01	
	Sand + FK	6.06	136.00 m
	H. clay	3.00	139.00 m
	H. clay	3.03	142.03 m

SL	Lowering Date -	07/09/2023
1	Tubewell Discharge in LPM	1050 LPM
2	Drilling Depth	157 m
	Di Dia -	650 mm φ - 90 m
	Di Dia -	500 mm φ - 117 m
3	Tubewell Assembly Size -	300 X 150 mm φ
Depth Logged -		Date of Logging -
SI	Depth Range Mbgf	Thickness in Mtr.
1	16 - 22	6
2	32 - 36	4
3	42 - 46	4
4	51 - 64	13
5	69 - 76	7
6	79 - 86	7
7	108 - 112	4
8	136 - 140	4
9	142 - 146	4

Note:-

ASSEMBLY DETAILS

300 mm Dia Housing Pipe A.G.L	0.50 m
300 mm Dia Housing Pipe B.G.L	36.06 m
300 X 150 mm Dia Reducer	36.06 m to 36.26 m
150 mm Dia Plain Pipe	36.26 m to 51.31 m
150 mm Dia Slotted Pipe	51.31 m to 63.35 m
150 mm Dia Slotted Pipe	63.35 m to 69.35 m
150 mm Dia Slotted Pipe	69.35 m to 75.37 m
150 mm Dia Plain Pipe	75.37 m to 79.17 m
150 mm Dia Slotted Pipe	79.17 m to 85.18 m
150 mm Dia Plain Pipe	85.18 m to 108.83 m
150 mm Dia Slotted Pipe	108.83 m to 111.83 m
150 mm Dia Plain Pipe	111.83 m to 136.00 m
150 mm Dia Slotted Pipe	136.00 m to 139.00 m
150 mm Dia Plain Pipe	139.00 m to 142.03 m
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to

Total assembly - 142.03 Mtr. + A.G.L = 142.53 m

3- Proposed Assembly for lowering

(1) 300MM DIA MSERW HOUSING PIPE	= 36.56 m ✓
(2) 200MM DIA MSERW HOUSING PIPE	=
(3) 150MM DIA MSERW PLAIN PIPE	= 75.7 m ✓
(4) 150MM MSERW SLOTTED PIPE	= 30.07 m ✓
(5) 300/150 REDUCER	= 0.20 m
(6) 200/150 REDUCER	=
(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	=
(12) Gravel Packing	=

Total Depth - **AGL+0.50M + 0.50m**

TOTAL Assembly - 142.53m

Total assembly - **142.53 m**

[Signature]
MEIL (QC)

[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. 403 - PB / AX - 2023

Date 03.04.2023

Geophysical Borehole Logging Report

Name of the site : Pajara Bhiri , Block - Belhar Kala

District : Sant Kabir Nagar

Date : 03.04.2023

Depth logged : ~~154.0 mbgl~~

Depth drilled : 157.0 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	16.0-22.0	6.0	Good all
2	32.0-36.0	4.0	
3	42.0-46.0	4.0	
4	51.0-64.0	13.0	
5	69.0-76.0	7.0	
6	79.0-86.0	7.0	
7	108.0-112.0	4.0	
8	136.0-140.0	4.0	
9	142.0-146.0	4.0	

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

Verified as per logs provided
Note. Sr No 7, 8 and 9 are fine in nature

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and Sr No 9 is highly kankar intermixed.

G. Gh
25/04/23