



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

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

Ref 306 - M / AX - 2024

Date 06.03.2024

Geophysical Borehole Logging Report

Name of the site : Mahadewa Basdila, Block- Laxmipur

District : Maharajganj

Date : 06.03.2024

Depth logged : 140.0 mbgl

Depth drilled : 140.0 mbgl- as reported

Logger use : Robertson make

Presence : Representative of M/S Rithwik-Koya- JV- Maharajganj

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	28.0-32.0	4.0	Good all
2	38.0-45.0	7.0	
3	59.0-72.0	13.0	
4	80.0-84.0	4.0	
5	102.0-106.0	4.0	
6	118.0-124.0	6.0	
7	133.0-137.0	4.0	

Note. All zones are highly intermixed kankar. Sl. Nos. 5 & 6 are fine sand.

for Aqua Xplore

CC;

1. M/S Rithwik-Koya- JV- Maharajganj



RITHWIK-KOYA JOINT VENTURE



JAL JEEVAN MISSION PROJECTS MAHARAJGANJ U.P.

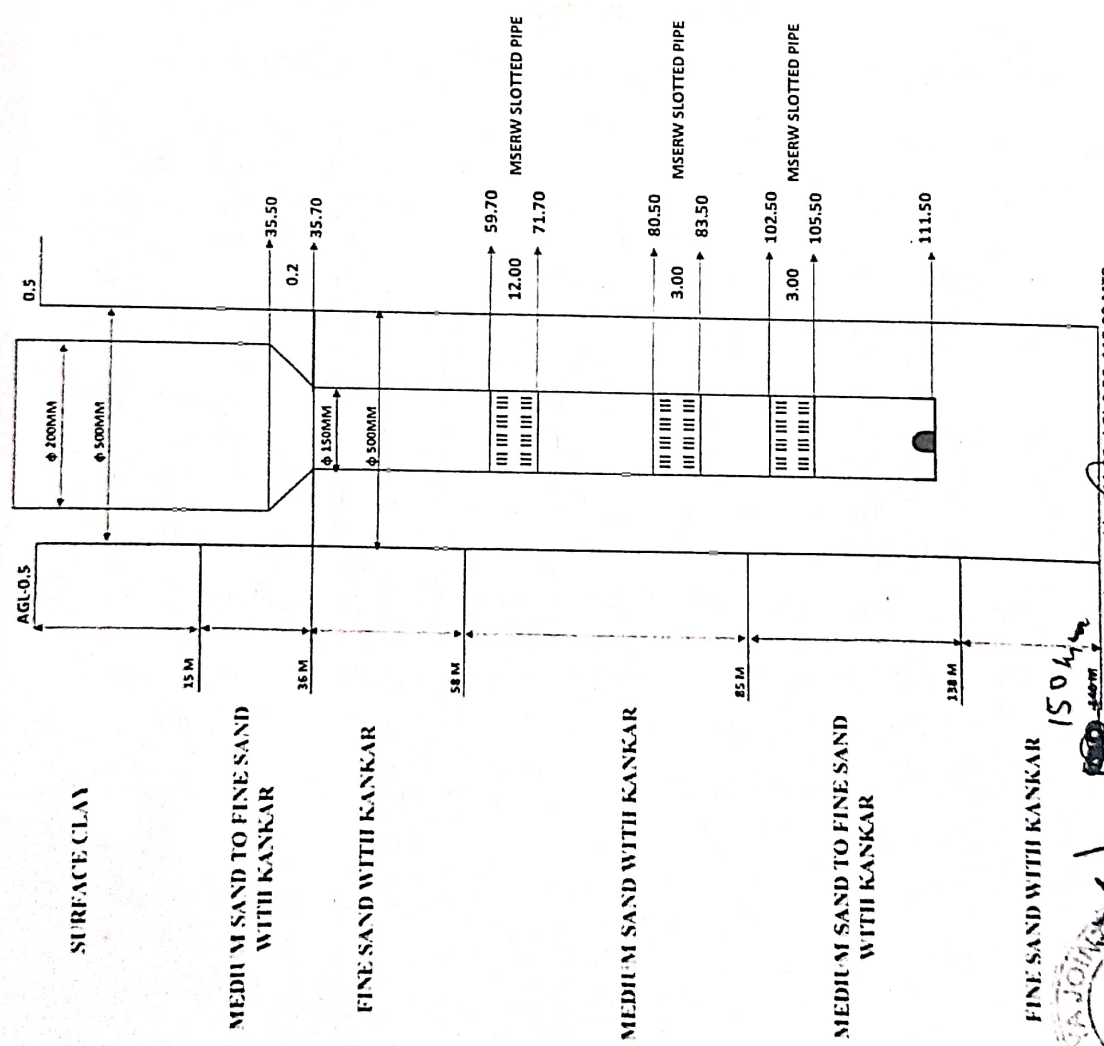


Har Ghar Jal
Jal Jeevan Mission

1	District - Maharastra
2	Block - Lavampur
3	Village - Mahadeva Basada
4	Date of Issuing - 06.03.2024
5	Date of Issuing - 06.03.2024
6	Size of Assembly - 250mm X 150mm
7	Size of Inlet - 50X50
8	Required Discharge - 550 LPM
9	

- A) Housing Pipe 200 mm dia (AGL) = 0.5
- B) Housing Pipe 200 mm dia (BGL) = 35.50
- C) Reducer 200 mm X 150 mm = 0.20
- D) Slotted pipe 150 mm dia = 18.00
- E) Plain Pipe 150 mm dia = 57.8

With AGL = 112.00 M
Total assembly - 111.50 + AGL 0.50 = 112.00 MTR
Without AGL = 111.50 M



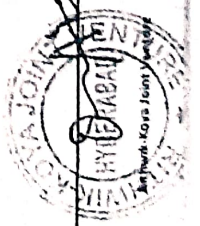
Sl No	Depth Range MBGL	Logging Report		Remarks
		Thickness (Mtr)		
1	28-32	7.0		GOOD
2	38-45	14.0		GOOD
3	59-72	6.0		GOOD
4	80-84	6.0		GOOD
5	102-106	4.0		GOOD
6	118-124	3.0		GOOD
7	133-137	4.0		GOOD

Note:- All zones are highly intermixed kankar. Sl. Nos 3&6 are fine sand



STATE WATER SANITATION MISSION
(HAR GHAR JAL & RURAL WATER
SUPPLY DEPARTMENT)
GOVERNMENT OF UTTAR PRADESH

अविशारी अभियंता
एफे कार्यालय (वि.प्रा.)
पो. प्रो जल निगम (प्रामिण)



FINE SAND WITH KANKAR

150M

Total assembly - 111.50 + AGL 0.50 = 112.00 MTR