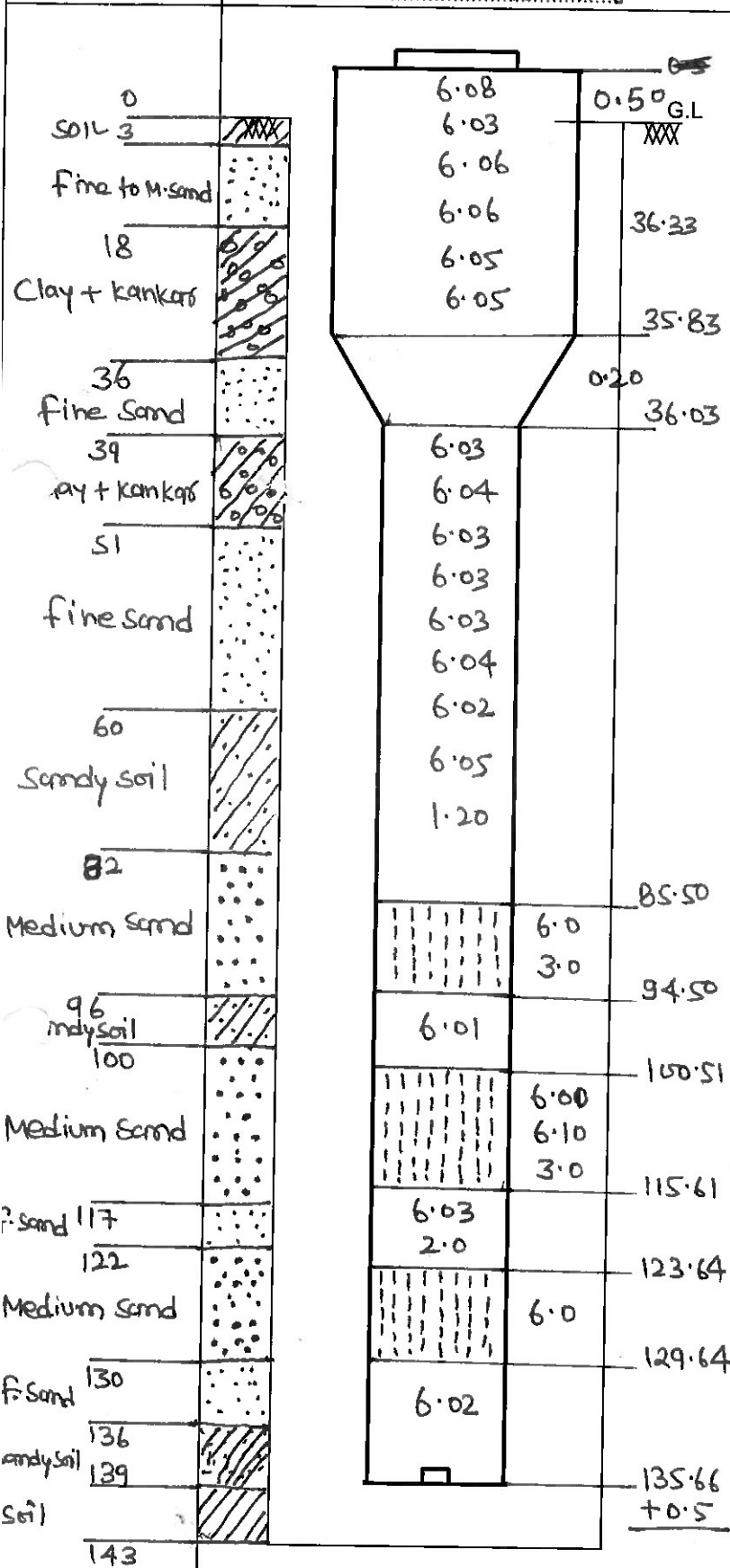




DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS	SL.	DPR DETAILS-		
	W.P. - LAKHIMA THARUA BLOCK - MAHARAJGANJ	1	Water Discharge in LPM - 1000		
		2	BoreWell Drilling - D.C. Rig m/c		
		3	500MM Dia - 103 MTR	600MM Dia - 40 MTR	
		4	Tube Well Assembly-		
		5	300MM Dia	200MM Dia	150MM Dia
		6	36 MTR	—	84 MTR
			1- LOGGING REPORT		
			Depth Logged - 140 MBGL	Date of Logging - 06/03/22	
		SL.	Depth Range MBGL	Thickness in Mtr.	Remarks.
		1	26-39	13.0	
		2	50-54	4.0	
		3	61-65	4.0	
		4	68-72	4.0	
		5	85-95	10.0	
		6	100-116	16.0	
		7	123-130	7.0	
		8			
		9	Note:- All zones are interstratified		
		10	with fine bands of kankar.		
		11			
			2- STRATA ENCOUNTERED		
		SL.	Depth Range MBGL	Thickness in Mtr.	Remarks
		1	0-3	03	
		2	3-18	15	
		3	18-36	18	
		4	36-39	03	
		5	39-51	12	
		6	51-60	09	
		7	60-82	22	
		8	82-96	14	
		9	96-100	04	
		10	100-117	17	
		11	117-122	05	
		12	122-130	08	
		13	130-136	06	
		14	136-139	03	
		15	139-143	04	
		16			
		17			
		18			
		19			
		20			
			3.- Proposed Assembly for Lowering		
			(1) 300MM DIA MSERW PLAIN PIPE =	36.33 MTR	✓
			(2) 200 MM DIA MSERW PLAIN PIPE =	—	
			(3) 150MM DIA MSERW PLAIN PIPE =	69.53 MTR	
			(4) 300/150 MM DIA REDUCER =	01 Nos	
			(5) 200/150 MM DIA REDUCER =	—	
			(6) 150MM DIA MSERW SLOTTED PIPE =	30.10 MTR (18J7)	
			(7) 300 MM DIA WELL CAP =	01 Nos	(12.7 m)
			(8) 200MM WELL CAP =	—	
			(9) 150MM DIA CENTER GUIDE =	136.16 MTR	
			(10) GRAVEL PACKING =	38.50 CUM	
			(11) 600 MM DIA BORE DIGGING =	40 MTR	
			(12) 500 MM DIA BORE DIGGING =	103 MTR	
			TOTAL ASSEMBLY =	136.16 MTR	



Kajishna Pathak  
 Vivek Kumar  
 PK  
 W  
 IMC TPIA JE UPJN AEUPJN EE UPJN



# Aqua Xplore

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

Ref 306 - L/ AX - 2022

Date 06.03.2022

## Geophysical Borehole Logging Report

Name of the site : Lakhima Tharua, Block- Sadar

District : Maharajganj

Date : 06.03.2022

Depth logged : 140.0 mbgl

Depth drilled : 145.0 mbgl

Logged by : Aqua Xplore

Presence : Representative of M/S Raj Keshari Projects Ltd.

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	26.0—29.0 39.0	13.0	Good all  Verified as per logs provided.
2	50.0—54.0	4.0	
3	61.0—65.0	4.0	
4	68.0—72.0	4.0	
5	85.0—95.0	10.0	
6	100.0—116.0	16.0	
7	123.0—130.0	7.0	

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

*[Signature]*  
for Aqua Xplore

*[Signature]*  
ASSISTANT HYDROGEOLOGIST  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

CC:

- Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gorakhpur.
- M/S Raj Keshari Projects Limited.