



JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA

PROPOSED ASSEMBLY DETAILS

W.P. - SEKHUI
BLOCK - METHORA

SL. DPR DETAILS

1	Water Discharge in LPM-	900
2	BoreWell Drilling-	145 MTR.
3	500MM Dia-	105 MTR.
4	600MM Dia-	40 MTR.
4	Tube Well Assembly-	300X150
5	300MM Dia	200MM Dia
5		150MM Dia
6		

1.- LOGGING REPORT

Depth Logged-	MBGL	Date of Logging-
SL.	Depth Range MBGL	Thickness in Mtr.
1	28-35	7
2	40-50	10
3	54-68	14
4	122-132	10
5		
6		
7		

Note:-

2.- STRATA ENCOUNTERED

SL.	Depth Range MBGL	Thickness in Mtr.	Remarks.
1	0-6	6	SOIL
2	6-21	15	SAND
3	21-27	6	SOIL
4	27-33	6	LI. SOIL
5	33-69	36	SAND
6	69-120	51	SOIL
7	120-132	12	SAND
8	132-145	13	SOIL
9			
10			
11			MS slotted = 3m
12			Johnson screen = 18m
13			21m
14			

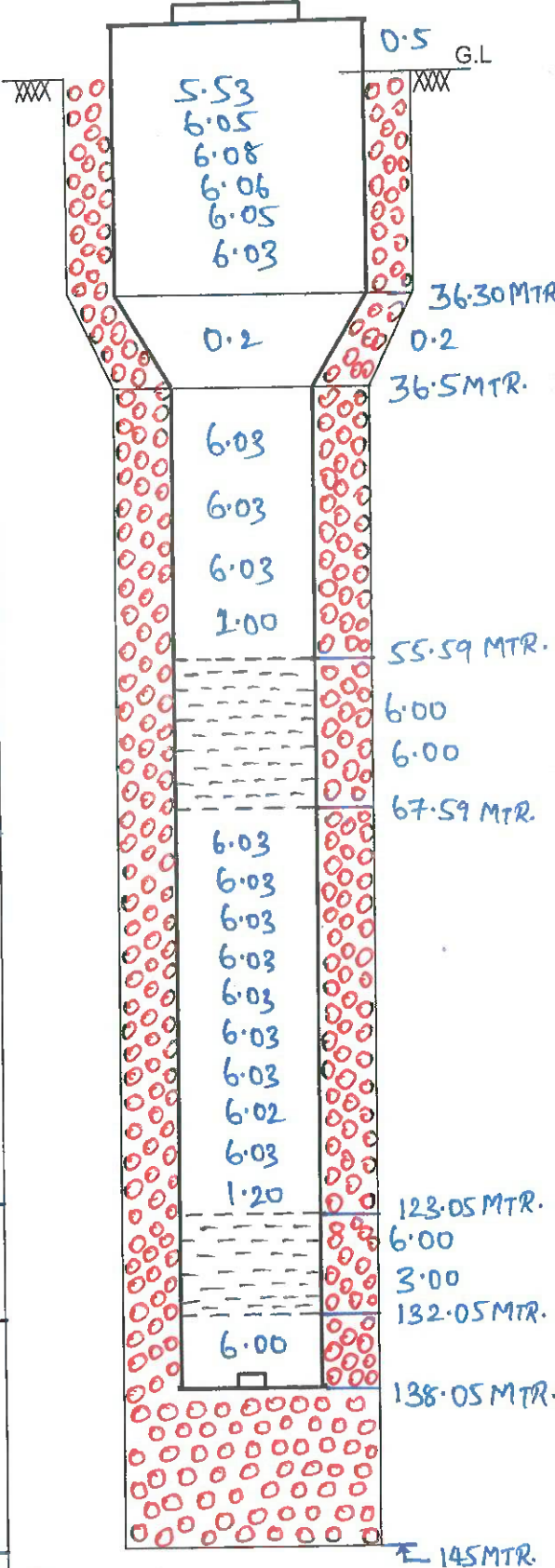
Note:-

3.- Proposed Assembly for Lowering

- (1) 300MM DIA MSERW PLAIN PIPE = 36.30MTR.
- (2) 200 MM DIA MSERW PLAIN PIPE =
- (3) 150MM DIA MSERW PLAIN PIPE = 80.55MTR.
- (4) 300/150 MM DIA REDUCER = 1P (0.2)MTR.
- (5) 200/150 MM DIA REDUCER =
- (6) 150MM DIA MSERW SLOTTED PIPE = 21MTR. (15m + 3m)
- (7) 300 MM DIA WELL CAP = 1P.
- (8) 200MM WELL CAP =
- (9) 150MM DIA CENTER GUIDE = 3P.
- (10) GRAVEL PACKING = 39.56m³
- (11) 600 MM DIA BORE DIGGING = 40 MTR.
- (12) 500 MM DIA BORE DIGGING = 105 MTR.

TOTAL ASSEMBLY = 138.05MTR.

6M.
21M
27M
33M
69M
120M
132M
145M



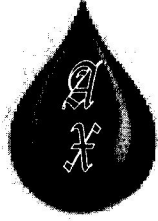
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A.E.(U.P./J.N)



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 421 - S/ AX - 2022

Date 21.04.2022

Geophysical Borehole Logging Report

Name of the site : Sekhui, Block- Mithaura
District : Maharajganj
Date : 21.04.2022
Depth logged : ~~132.0~~ mbgl
Depth drilled : 135.0 mbgl
Logger used : Robertson make
Presence : Representative of M/S JMC Project(I) Ltd., Maharajganj, U.P.

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(mbg)	Thickness(m)	Remarks
1	28.0---35.0	7.0	Good all
2	40.0---50.0	10.0	
3	54.0---68.0	14.0	
4	122.0---132.0	10.0	

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

[Signature]

for Aqua Xplore

CC;

- Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gorakhpur.
- M/S JMC Project(I) Ltd., Maharajganj, U.P.

Verified as per logs provided.

G. S. N.
ASSISTANT HYDROGEOLOGIST
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ