



DEPTH OF STRATA

PROPOSED ASSEMBLY DETAILS

W.P - KHOSTA  
BLOCK - MITHORA

DPR DETAILS

1	Water Discharge in LPM-	650
2	BoreWell Drilling-	132 MTR.
3	500MM Dia-	92 MTR.
	600MM Dia-	40 MTR.
4	Tube Well Assembly-	300x150 MM
5	300MM Dia	200MM Dia
		150MM Dia
6		

1.- LOGGING REPORT

Depth Logged-	MBGL	Date of Logging-
SL.	Depth Range MBGL	Thickness in Mtr.
1	29-33	04
2	36-60	24
3	63-70	07
4	80-87	07
5	100-103	03
6		
7		

Note:-

2.- STRATA ENCOUNTERED

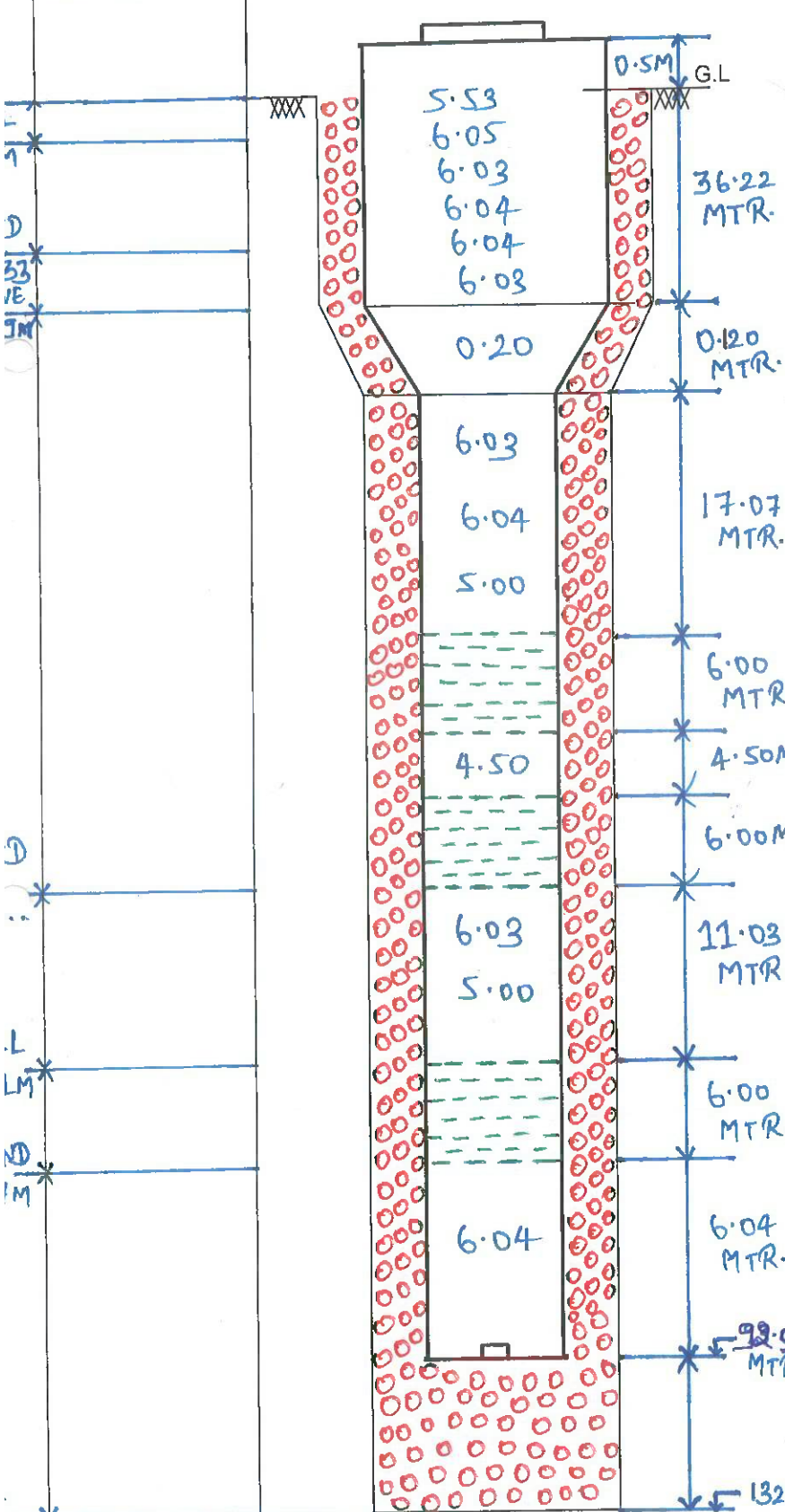
SL.	Depth Range MGBL	Thickness in Mtr.	Remarks.
1	0-3	3 M.	SOIL
2	3-33	30 M.	SAND
3	33-39	6 M.	W. SOIL
4	39-69	30 M.	SAND
5	69-81	12 M.	SOIL
6	81-87	6 M.	SAND
7	87-132	45 M.	SOIL
8			
9			
10			
11			
12			
13			
14			

Note:-

3.- Proposed Assembly for Lowering

- (1) 300MM DIA MSERW PLAIN PIPE =  $\checkmark$  36.22 MTR.
- (2) 200 MM DIA MSERW PLAIN PIPE =
- (3) 150MM DIA MSERW PLAIN PIPE =  $\checkmark$  38.64 MTR.
- (4) 300/150 MM DIA REDUCER = 1Ps. (0.20 MTR)
- (5) 200/150 MM DIA REDUCER =
- (6) 150MM DIA MSERW SLOTTED PIPE = 18 MTR. (Joint)
- (7) 300 MM DIA WELL CAP = 1Ps.
- (8) 200MM WELL CAP =
- (9) 150MM DIA CENTER GUIDE = 3Ps.
- (10) GRAVEL PACKING = 36.11 m<sup>3</sup>
- (11) 600 MM DIA BORE DIGGING = 40 MTR.
- (12) 500 MM DIA BORE DIGGING = 92 MTR.

TOTAL ASSEMBLY = 92.98 MTR.



# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 166

Dated: 14-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khosta  
Block: Mitharua  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 132.0 m bgl  
Logging Depth: 110.0 m bgl  
Date of logging: 13-05-2022  
Rm - 12.0  $\Omega$ m Rw - 16.0  $\Omega$ m

Borehole Drilled by: M/S JMC India Limited, Maharajganj, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16''), Long Normal (N-64'') and Lateral (6') geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

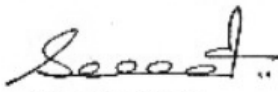
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	29 - 33	04	Good
2.	36 - 60	24	Good
3.	63 - 70	07	Good
4.	80 - 87	07	Good
5.	100 - 103	03	Good

Note: 1. Zone Sl. No. 5 is Fine to Medium Sand in nature.

2. Fine bands of Kankar are intermixed with Zone Sl. No. 2.

*Verified as per logs provided  
Note - Sl. No. 3-63-68 (5m)  
may consider  
G.S.  
15/5/22*

For Geo Instruments & Technic's

  
(S. Shukla)