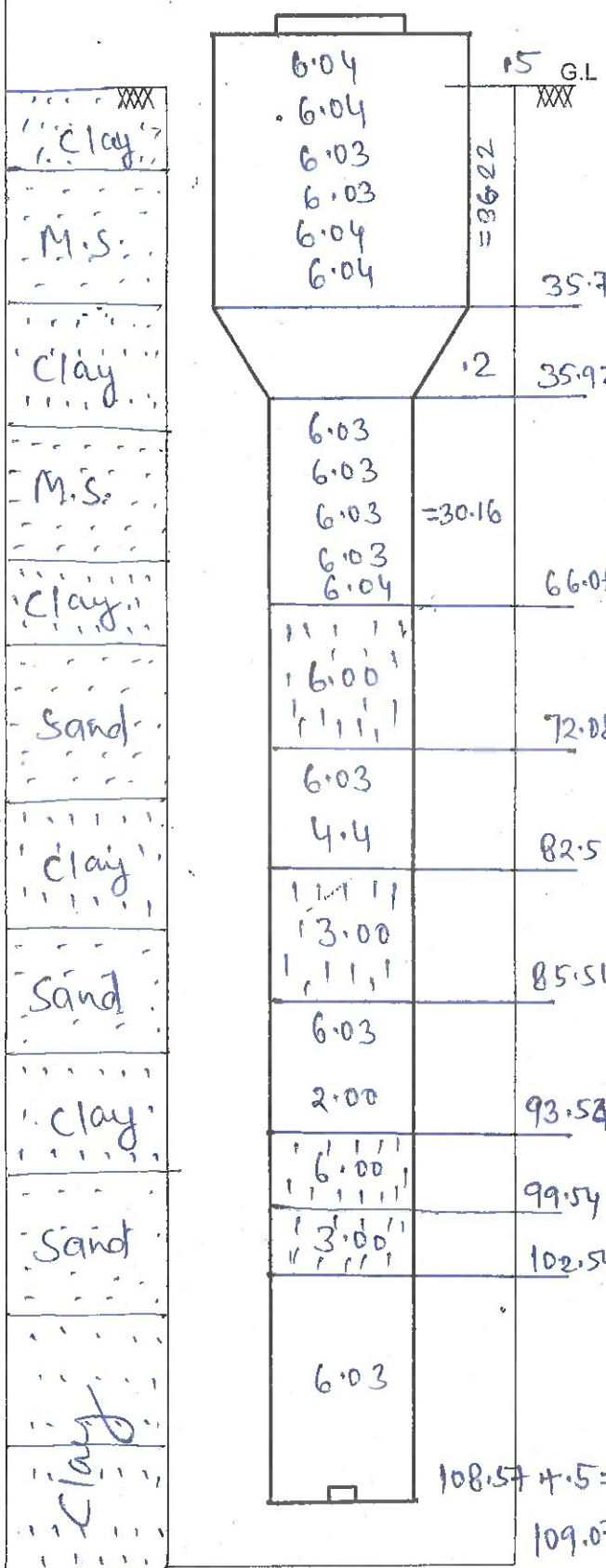




# JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS		DPR DETAILS-																																																	
	GP.....Kasauta Dist. Nibruja Block.....GHUGHOLE		SL	Lowering Date- 12/5/22																																																
			1	Water Discharge in LPM- 500																																																
			2	Bore well Drilling- 132																																																
			3	Drilling Depth 500MM Dia- 132   600MM Dia-																																																
			4	Tube Well Assembly-																																																
			5	300MM Dia   200MM Dia   150MM Dia																																																
			6	36   66																																																
			1.- LOGGING REPORT 18 Screen																																																	
			<table border="1"> <thead> <tr> <th>Depth Logged-</th> <th>MBGL</th> <th>Date of Logging-</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>26-30</td> <td>04</td> <td>Sand</td> </tr> <tr> <td>2</td> <td>32-43</td> <td>11</td> <td>Sand</td> </tr> <tr> <td>3</td> <td>51-55</td> <td>04</td> <td>Clay</td> </tr> <tr> <td>4</td> <td>65-74</td> <td>09</td> <td>Clay</td> </tr> <tr> <td>5</td> <td>82-86</td> <td>04</td> <td>Sand</td> </tr> <tr> <td>6</td> <td>93-103</td> <td>10</td> <td>Sand</td> </tr> <tr> <td>7</td> <td>122-126</td> <td>04</td> <td>Sand</td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Depth Logged-	MBGL	Date of Logging-	Remarks	1	26-30	04	Sand	2	32-43	11	Sand	3	51-55	04	Clay	4	65-74	09	Clay	5	82-86	04	Sand	6	93-103	10	Sand	7	122-126	04	Sand	8				9				10				11			
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			3.- Proposed Assembly for Lowering																																																	
			(1) 300MM DIA MSERW PLAIN PIPE =																																																	
			(2) 200 MM DIA MSERW PLAIN PIPE = 36.22																																																	
			(3) 150MM DIA MSERW PLAIN PIPE = 54.65																																																	
			(4) 300/150 MM DIA REDUCER =																																																	
			(5) 200/150 MM DIA REDUCER = 2.00																																																	
			(6) 150MM DIA MSERW SLOTTED PIPE = 1800 (6ms + 125)																																																	
			(7) 300 MM DIA WELL CAP =																																																	
			(8) 200MM WELL CAP = 01																																																	
			(9) 150MM DIA CENTER GUIDE = 109.07																																																	
			(10) GRAVEL PACKING = 32.86 m <sup>3</sup>																																																	
			(11) 600 MM DIA BORE DIGGING =																																																	
			(12) 500 MM DIA BORE DIGGING = 132.0																																																	
			TOTAL ASSEMBLY = 109.07																																																	



# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 147

Dated: 10-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Karuta Urf Nibuiya  
Block: Ghughuli  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 140.0 m bgl  
Logging Depth: 126.0 m bgl  
Date of logging: 09-05-2022  
Rm - 16.0  $\Omega$ m Rw - 15.0  $\Omega$ 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)
<del>1.</del>	26 - 30	04	Good
<del>2.</del>	32 - 43	11	Good
<del>3.</del>	51 - 55	04	Good
<del>4.</del>	65 - 74	09	Good
<del>5.</del>	82 - 86	04	Good
<del>6.</del>	93 - 103	10	Good
<del>7.</del>	122 - 126	04	Good

Note: Fine bands of Kankar are intermixed with almost all the Zones.

*Verified as per logs provided*

*C. S. Srivastava*  
ASSISTANT GEOPHYSICIAN  
YANTRIK MANDAL  
U.P. JAL NIGAM (RURAL)  
PRAVAGRAJ

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)