



# JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS		DPR DETAILS-		
	GP - POKHARBHINDA BLOCK - PHARENDA		SL	Lowering Date- 17-05-2022	
			1	Water Discharge in LPM- 650	
			2	Bore well Drilling-	
			3	Drilling Depth 500MM Dia- 125 MTR   600MM Dia- 40 MTR	
			4	Tube Well Assembly-	
			5	300MM Dia   200MM Dia   150MM Dia	
			6	36 MTR   -   117 MTR	
			<b>1.- LOGGING REPORT</b>		
			Depth Logged- 170 MBGL	Date of Logging- 12-05-22	
			SL	Depth Range MBGL   Thickness in Mtr.   Remarks.	
			1	25-35	
			2	43-46	
			3	53-56	
			4	71-75	
			5	89-93	
			6	97-117	
			7	121-124	
			8	130-136	
			9	155-158	
			10	160-170	
			11	Note! - Sl. No 2 to 5 & 9 are fine sand in nature	
			<b>ASSEMBLY DETAILS</b>		
			300	m.m Dia Housing Pipe A.G.L.	0.5
			300	m.m Dia Housing Pipe	35.70
			300	m.m Dia Reducer Pipe	35.70 to 35.82
			150	m.m Dia Plain Pipe	35.82 to 98.16
			150	m.m Dia Screen Pipe	98.16 to 116.16
			150	m.m Dia Plain Pipe	116.16 to 129.92
			150	m.m Dia Screen Pipe	129.92 to 135.92
			150	m.m Dia Plain Pipe	135.92 to 141.94
			TOTAL ASSEMBLY = 141.94 m + A.G.L(m) = 142.44 m		
			<b>3.- Proposed Assembly for Lowering</b>		
			(1)	300MM DIA MSERW PLAIN PIPE =	36.20 MTR
			(2)	200 MM DIA MSERW PLAIN PIPE =	-
			(3)	150MM DIA MSERW PLAIN PIPE =	82.12 MTR
			(4)	300/150 MM DIA REDUCER =	01 Nos
			(5)	200/150 MM DIA REDUCER =	-
			(6)	150MM DIA MSERW SLOTTED PIPE =	24 MTR (MS Stoked)
			(7)	300 MM DIA WELL CAP =	01 Nos
			(8)	200MM WELL CAP =	-
			(9)	150MM DIA CENTER GUIDE =	142.44 MTR
			(10)	GRAVEL PACKING =	43.95 m <sup>3</sup>
			(11)	600 MM DIA BORE DIGGING =	40 MTR
			(12)	500 MM DIA BORE DIGGING =	125 MTR
			TOTAL ASSEMBLY = 142.44 MTR		

Keishino Pattach  
 JMC  
 Virendra  
 TPIA  
 B.K.  
 JE UPJN  
 V.  
 AEUPJN  
 EE UPJN

# 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:154

Dated: 12-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pokar Bhinda  
Block: Pharenda  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 170.0 m bgl  
Logging Depth: 170.0 m bgl  
Date of logging: 11-05-2022  
Rm -18.0  $\Omega$ m Rw - 17.0  $\Omega$ 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>	25 - 35	10	Good
②	43 - 46	03	Good
<del>3.</del>	53 - 56	03	Good
<del>4.</del>	71 - 75	04	Good
<del>5.</del>	89 - 93	04	Good
<del>6.</del>	97 - 117	20	Good
<del>7.</del>	121 - 124	03	Good
<del>8.</del>	130 - 136	06	Good
<del>9.</del>	155 - 158	03	Good
<del>10.</del>	160 - 170	10	Good

Note: ~~1.~~ Zone Sl. No. 2 to 5 and 9 are Fine to Medium Sand in nature.

~~2.~~ Fine bands of Kankar are intermixed with almost all the Zones.

*Verified as per logs provided.*

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