



# JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS GP- ALDAHIYA MAHADEWA BLOCK- PHARENDA		DPR DETAILS-		
			SL	Lowering Date-	14-05-22
			1	Water Discharge in LPM-	500
			2	Bore well Drilling-	
			3	Drilling Depth 500MM Dia-	165 MTR
			3	600MM Dia-	---
			4	Tube Well Assembly-	
			5	300MM Dia	200MM Dia
			5	---	150MM Dia
			6		36 MTR
			6		114 MTR
			1.- LOGGING REPORT		
			Depth Logged-	MBGL	Date of Logging-
			SL	Depth Range MBGL	Thickness in Mtr.
					Remarks.
			1	25-32	07
			2	36-40	04
			3	88-93	05
			4	99-103	04
			5	112-116	04
			6	120-123	03
			7		
			8	Note:-Sl. No 2 to 6 are fine sand in nature	
			9		
			10		
			11		
			ASSEMBLY DETAILS		
			200	m.m Dia Housing Pipe A.G.L.	0.50
			200	m.m Dia Housing Pipe	35.72
			200	m.m Dia Reducer Pipe	35.72 to 35.92
			150	m.m Dia Plain Pipe	35.92 to 88.15
			150	m.m Dia Screen Pipe	88.15 to 94.15
			150	m.m Dia Plain Pipe	94.15 to 99.55
			150	m.m Dia Screen Pipe	99.55 to 102.55
			150	m.m Dia Plain Pipe	102.55 to 112.57
			150	m.m Dia Screen Pipe	112.57 to 115.57
			150	m.m Dia Plain Pipe	115.57 to 120.57
			150	m.m Dia Screen Pipe	120.57 to 123.57
			150	m.m Dia Plain Pipe	123.57 to 129.59
				m.m Dia Pipe	to m
			TOTAL ASSEMBLY= 129.59 m+ A.G.L(m)= 130.09 m		
			3.- Proposed Assembly for Lowering		
			(1) 300MM DIA MSERW PLAIN PIPE = -		
			(2) 200 MM DIA MSERW PLAIN PIPE = 36.22 MTR		
			(3) 150MM DIA MSERW PLAIN PIPE = 78.67 MTR		
			(4) 300/150 MM DIA REDUCER = -		
			(5) 200/150 MM DIA REDUCER = 01 NOS		
			(6) 150MM DIA MSERW SLOTTED PIPE = 15 MTR (6J+9MS)		
			(7) 300 MM DIA WELL CAP = -		
			(8) 200MM WELL CAP = 01 NOS		
			(9) 150MM DIA CENTER GUIDE = 130.09 MTR		
			(10) GRAVEL PACKING = 49.03 m <sup>3</sup>		
			(11) 600 MM DIA BORE DIGGING = -		
			(12) 500 MM DIA BORE DIGGING = 165 MTR+35MTR		
			TOTAL ASSEMBLY = 130.09 MTR		

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 M  
 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:21-22:LS: 127

Dated: 05-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Aldeviya Mahadewa  
Block: Pharenda  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 165.0 m bgl  
Logging Depth: 165.0 m bgl  
Date of Logging: 05-05-2022  
Rm -20.0  $\Omega$ m Rw - 19.0  $\Omega$ 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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	25 - 32	07	Good
<del>2.</del>	36 - 40	04	Good
<del>3.</del>	88 - 93	05	Good
<del>4.</del>	99 - 103	04	Good
<del>5.</del>	112 - 116	04	Good
<del>6.</del>	120 - 123	03	Good

Note: 1. Very Fine bands of Kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 2 to 6 are Fine Sand in Nature.

*Verified as per logs provided.*

For Geo Instruments & Technic's

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