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DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS		DPR DETAILS-	
		<p>CP- SOHRAUNA RAJA BLOCK- Chughuli</p>		SL. Lowering Date- 10/05/2022
			1 Water Discharge in LPM- 400	
			2 Bore well Drilling-	
			3 Drilling Depth 500MM Dia- 132	600MM Dia-
			4 Tube Well Assembly-	
			5 300MM Dia	200MM Dia
			6	150MM Dia
			26.0 122.0 plain	
			1.- LOGGING REPORT 12.0 screen	
			Depth Logged- 134.0 MBGL	Date of Logging- 6/05/2022
			SL. Depth Range MBGL	Thickness in Mtr. Remarks.
			1 28-45	17.0 Sand
			2 52-59	07 Sand
			3 65-75	10 Sand
			4 88-95	07 Sand
			5 98-106	08 Sand
			6 110-116	06 Sand
			7 126-130	04 Sand
			8	
			9	
			10	
			11	
			ASSEMBLY DETAILS	
			200 m.m Dia Housing Pipe A.G.L.	0.65 m
			200 m.m Dia Housing Pipe	36.22 m
			200 m.m Dia Reducer Pipe	35.57 to 35.77 m
			150 m.m Dia Plain Pipe	35.77 to 65.91 m
			150 m.m Dia Screen Pipe	65.91 to 74.91 m
			150 m.m Dia Plain Pipe	74.91 to 99.07 m
			150 m.m Dia Screen Pipe	99.07 to 105.7 m
			150 m.m Dia Plain Pipe	105.7 to 111.1 m
			Jonson Screen = 12m	
			Pipe = 3m	
			MS Slotted = 15m	
			TOTAL ASSEMBLY = 111.1 + 0.650 m A.G.L(m) = 111.75 m	
			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 = 60.33 /	
			(4) 300/150 MM DIA REDUCER =	
			(5) 200/150 MM DIA REDUCER = 0.200 /	
			(6) 150MM DIA MSERW SLOTTED PIPE = 15.0 /	
			(7) 300 MM DIA WELL CAP =	
			(8) 200MM WELL CAP = 01 Nos	
			(9) 150MM DIA CENTER GUIDE = 111.75 /	
			(10) GRAVEL PACKING = 39.80 m ³	
			(11) 600 MM DIA BORE DIGGING =	
			(12) 500 MM DIA BORE DIGGING = 132.0 mtr -	
			TOTAL ASSEMBLY = 111.75	





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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: 135

Dated: 06-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sohrauna Raja**
Block: **Ghughli**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **143.0 m bgl**
Logging Depth: **134.0 m bgl**
Date of Logging: **05-05-2022**
Rm - **23.0 Ω m** Rw - **18.0 Ω 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)
1.	28 - 45	17	Good
2.	52 - 59	07	Good
3.	65 - 75	10	Good
4.	88 - 95	07	Good
5.	98 - 106	08	Good
6.	110 - 116	06	Good
7.	126 - 130	04	Good

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

Verified as per logs provided.

G. S. S. G. S. S.
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