

		Kalpataru Power transmission Limited		QUALITY MANAGEMENT SYSTEM				
		PROPOSED ASSEMBLY DETAILS		01053-JMC-2281-19F-0000055 R0				
DEPTH OF STRATA	G.P. BLOCK	RAMCHANDRAHI	DPR DETAILS					
	NICHLAUL		SL	Lowering Date	03-12-2023			
			1	Water Discharge in LPM	300			
			2	Bore well Drilling	143.71			
			3	Borewell Size 500*500 mm Dia	143.71			
			4	Tube well Assembly-	64.53 130			
			5	300MM Dia	200MM Dia 150MM Dia			
			6		36 64.53 94			
1- LOGGING REPORT								
			SL	Depth Logged- MBGL	Thickness in M			
			1	18	4 SAND			
			2	34	8 SAND			
			3	50	8 SAND			
			4					
			5					
			6					
			7					
			8					
2- ASSEMBLY DETAILS								
			200 MM DIA	PLAIN	PIPE	0.00	TO	50.00
			200 MM DIA	SCREEN	PIPE	50.00	TO	58.01
			200 MM DIA	PLAIN	PIPE	58.01	TO	64.03
TOTAL ASSEMBLY= 64.03 M+A.G.L.= 64.53								
3- Proposed Assembly for Lowering								
			1	300MM DIA MERW PIPE PLAIN PIPE				-
			2	200MM DIA MERW PIPE PLAIN PIPE				56.52
			3	150MM DIA MERW PIPE PLAIN PIPE				
			4	300/150 MM DIA REDUCER				-
			5	200/150 MM DIA REDUCER				
			6	250MM DIA MSERW SLOTTED PIPE				8.01
			7	300MM DIA WELL CAP				-
			8	200MM DIA WELL CAP				1
			9	200MM DIA CENTER GUIDE				3
			10	GRAVEL PACKING				
			11	600 MM DIA BORE DIGGING				
			12	500 MM DIA BORE DIGGING				
TOTAL ASSEMBLY =								64.53

0.00	Soil	6.02	0.50	G.L	
9.00	K+F.Sand+Soil	6.03			
18.00	M. Sand	6.01			
22.00	K+F.Sand	6.01			
34.00	M. Sand	6.02	50.00		
42.00	K+F.Sand	6.04			
49.00	M. Sand	4.00			
59.00	K+F.Sand	3.86			
71.00					

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GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/652

Date: 30-11-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ramchandrahi, Block – Nichlaul, Distt. – Maharajganj

Drilling Depth (m) : 70.00 mbgl as reported by Driller

Logged Depth (m) : 63.50 mbgl

Date of Logging : 30.11.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Kalpataru Power Transmission Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R_{mf} & R_w
1	18 – 22	4	Good	$R_{mf} = 23.04 \Omega m$ $R_w = 25.77 \Omega m$
2	34 – 42	8	Good	
3	50 – 58	8	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)
Geophysicist

