

	Kalpataru Power transmission Limited				QUYALITY MANAGEMENT SYSTEM			
	PROPOSED ASSEMBLY DETAILS				01053-JMC-2281-19F-0000055 R0			
	G.P.- MAHESPUR KABELWA BLOCK- MITHAURA				DPR DETAILS			

DEPTH OF STRATA	Soil	6.02	0.50	G.L	SL	Lowering Date	06-11-2023
0.00		6.04			1	Water Discharge in LPM	600
9.00		6.03			2	Bore well Drilling	132
		6.01	36.15		3	Borewell Size 600*500 mm Dia	132
		6.02			4	Tube well Assembly-	120
30.00	K+F.Sand+Soil	6.03			5	300MM Dia	200MM Dia
					6	36	150MM Dia
33.00	M. Sand			35.65			
		0.20	0.20	35.85			
33.00	M. Sand						
		6.01					
		6.03					
40.00	K+F.Sand+Soil	6.01	21.05				
		3.00		56.90			
52.00	F.Sand						
		6.02	12.03				
		6.01	68.93				
71.00	M. Sand						
		6.04					
		6.02					
		6.03					
		6.01					
		6.02					
108.00	K+F.Sand+Soil	6.01	63.19				
		6.01					
		6.02					
		6.01					
		6.02					
132.00	K+F.Sand	3.00		132.12			
		6.02	6.02	138.14			
140.00	M. Sand	6.02	6.02	144.16			
				0.50			
				144.66			

1- LOGGING REPORT

SL	Depth Logged- MBGL	Thickness in M	Remarks
1	30	-	33
2	40	-	50
3	52	-	70
4	108	-	112
5	132	-	140
6			
7			
8			

2- ASSEMBLY DETAILS

300 MM DIA HOUSING PIPE A.G.L.				0.50
300 MM DIA HOUSING PIPE				36.15
300 MM DIA REDUCER PIPE				35.65 TO 35.85
150 MM DIA	PLAIN	PIPE	35.85	TO 56.90
150 MM DIA	SCREEN	PIPE	56.90	TO 68.93
150 MM DIA	PLAIN	PIPE	68.93	TO 132.12
150 MM DIA	SCREEN	PIPE	132.12	TO 138.14
150 MM DIA	PLAIN	PIPE	138.14	TO 144.16
TOTAL ASSEMBLY=				144.16 M+A.G.L.= 144.66

3- Proposed Assembly for Lowering

1	300MM DIA MERW PIPE PLAIN PIPE	36.12
2	200MM DIA MERW PIPE PLAIN PIPE	
3	150MM DIA MERW PIPE PLAIN PIPE	90.26
4	300/100 MM DIA REDUCER	1
5	200/150 MM DIA REDUCER	
6	150MM DIA MSERW SLOTTED PIPE	18.05
7	300MM DIA WELL CAP	1
8	200MM DIA WELL CAP	
9	150MM DIA CENTER GUIDE	3
10	GRAVEL PACKING	
11	600 MM DIA BORE DIGGING	
12	500 MM DIA BORE DIGGING	
TOTAL ASSEMBLY =		144.66

Handwritten Notes:

164
140.00

KPTL

FPIA

EE UPJN

AEUPJN

EE UPJN



GROUNDWATER INVESTIGATION CENTRE

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Ref: TDMA/WWP/JR/601

Date: 05-11-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village—Maheshpur Kabelwa, Block—Mithaura,
Distt.—Maharajganj

Drilling Depth(m) : 170.00 mbgl as reported by Driller

Logged Depth(m) : 164.50 mbgl

Date of Logging : 05.11.2023

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 formation 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	30–33	3	Good	$R_{mf}=25.57 \Omega m$ $R_w=27.69 \Omega m$
2	40–50	10	Good	
3	52–70	18	Good	
4	108–112	4	Good, Fine Sand	
5	132–140	8	Good	

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



(A.K. Singh)
Geophysicist

