

RA-11

(190)

Kalpataru Power transmission Limited		QUYALITY MANAGEMENT SYSTEM	
PROPOSED ASSEMBLY DETAILS		01053-JMC-2281-19F-0000055 R0	
DEPTH OF STRATA	G.P.- BLOCK-	BHAWANIPUR PANIYARA	DPR DETAILS
0.00	Soil	6.01	SL Lowering Date 4/10/2023
9.00	K+F.Sand+Soil	6.03	1 Water Discharge in LPM 400
42.00	M. Sand	6.02	2 Bore well Drilling 132
48.00	K+F.Sand	6.00	3 Borewell Size 500*500 mm Dia 132
63.00	M. Sand	6.05	4 Tube well Assembly- 120
78.00	K+F.Sand	6.03	5 300MM Dia 200MM Dia 150MM Dia
93.00	K+F.Sand+Soil	0.20	6 36 84
108.00	M. Sand	0.20	1- LOGGING REPORT
123.00	K+F.Sand	0.20	SL Depth Logged- MBGL Thickness in M Remarks
135.00		0.50 G.L.	1 44 - 47 3 GOOD
			2 64 - 76 12 GOOD
			3 90 - 93 3 GOOD
			4 111 - 124 13 GOOD
			5
			6
			7
			8
			9
			2- ASSEMBLY DETAILS
			200 MM DIA HOUSING PIPE A.G.L. 0.50
			200 MM DIA HOUSING PIPE 36.14
			200 MM DIA REDUCER PIPE 35.64 TO 35.84
			150 MM DIA PLAIN PIPE 35.84 TO 65.93
			150 MM DIA SCREEN PIPE 65.93 TO 71.95
			150 MM DIA PLAIN PIPE 71.95 TO 111.13
			150 MM DIA SCREEN PIPE 111.13 TO 117.13
			150 MM DIA PLAIN PIPE 117.13 TO 120.13
			TOTAL ASSEMBLY= 120.13 M+A.G.L.= 120.63
			3- Proposed Assembly for Lowering
			1 300MM DIA MERW PIPE PLAIN PIPE -
			2 200MM DIA MERW PIPE PLAIN PIPE 36.14
			3 150MM DIA MERW PIPE PLAIN PIPE 72.27
			4 300/150 MM DIA REDUCER -
			5 200/150 MM DIA REDUCER 1
			6 150MM DIA MSERW SLOTTED PIPE 12.02
			7 300MM DIA WELL CAP -
			8 200MM DIA WELL CAP 1
			9 150MM DIA CENTER GUIDE 2
			10 GRAVEL PACKING
			11 600 MM DIA BORE DIGGING
			12 500 MM DIA BORE DIGGING 135
			TOTAL ASSEMBLY = 120.63

KPTL

TPA

JE UPJN

AEUPJN

EE UPJN





GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/030

Date: 07-04-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhawanipur, Block – Paniyara, Distt. - Maharajganj

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : ~~133.00~~ mbgl

Date of Logging : 07.04.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Kalpatru 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	44 – 47	3	Good	$R_{mf} = 28.99 \Omega m$
2	64 – 76	12	Good	$R_w = 34.72 \Omega m$
3	90 – 93	3	Good	
4	111 – 124	13	Good, <u>Highly Kankar</u>	

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

Verified as per
logs provided

G.Sh
08/04/23


(A.K. Singh)
Geophysicist