

Kalpataru Power transmission Limited				QUALITY MANAGEMENT SYSTEM			
PROPOSED ASSEMBLY DETAILS				01053-JMC-2281-19F-0000055 R0			
DEPTH OF STRATA	G.P.-	JAGPUR URF SALAMATGARH		DPR DETAILS			
	BLOCK-	MAHARAJGANJ		SL	Lowering Date		4/25/2023
				1	Water Discharge in LPM		1000
				2	Bore well Drilling		132
				3	Borewell Size 600*500 mm Dia		132
				4	Tube well Assembly-		120
				5	300MM Dia	200MM Dia	150MM Dia
				6	36		84
1- LOGGING REPORT							
				SL	Depth Logged- MBGL		Thickness in Mtr. Remarks
				1	27	-	31 4 GOOD
				2	34	-	40 6 GOOD
				3	44	-	50 6 GOOD
				4	56	-	60 4 GOOD
				5	75	-	79 4 GOOD
				6	109	-	119 10 GOOD
				7	137	-	141 4 GOOD
				8			
				9			
2- ASSEMBLY DETAILS							
				300 MM DIA HOUSING PIPE A.G.L.			0.50
				300 MM DIA HOUSING PIPE			36.19
				300 MM DIA REDUCER PIPE			35.69 TO 35.89
				200 MM DIA	PLAIN	PIPE	35.89 TO 56.00
				200 MM DIA	SCREEN	PIPE	56.00 TO 60.00
				200 MM DIA	PLAIN	PIPE	60.00 TO 75.00
				200 MM DIA	SCREEN	PIPE	75.00 TO 79.00
				200 MM DIA	PLAIN	PIPE	79.00 TO 109.05
				200 MM DIA	SCREEN	PIPE	109.05 TO 119.05
				200 MM DIA	PLAIN	PIPE	119.05 TO 122.05
				TOTAL ASSEMBLY=			122.05 M+A.G.L.= 122.55
3- Proposed Assembly for Lowering							
				1	300MM DIA MERW PIPE PLAIN PIPE		36.19
				2	200MM DIA MERW PIPE PLAIN PIPE		68.16
				3	150MM DIA MERW PIPE PLAIN PIPE		
				4	300/200 MM DIA REDUCER		1
				5	200/150 MM DIA REDUCER		
				6	250MM DIA MSERW SLOTTED PIPE		18.00
				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		40
				12	500 MM DIA BORE DIGGING		104
				TOTAL ASSEMBLY =			122.55

0.00	Soil	6.05	0.50	G.L.		
		6.01				
6.00		6.02				
		6.04	36.19			
26.00	K+F.Sand+Soil	6.02				
		6.05			35.69	
	M. Sand	0.20	0.20		35.89	
45.00		6.01				
		6.01				
	K+F.Sand	6.01	20.11			
54.00		2.08				
					56.00	
	M. Sand	4.00	4.00		60.00	
63.00		6.02				
		6.01	15.00			
73.00	K+F.Sand	2.97			75.00	
		4.00	4.00		79.00	
81.00	M. Sand	6.01				
		6.01				
	Kankar+F.Sand	6.01	30.05			
107.00		6.01				
		6.01			109.05	
	M. Sand	6.00	10.00		119.05	
122.00		4.00				
		3.00	3.00		122.05	
					0.50	
144.00	K+F.Sand				122.55	

KPTL	TPJA	JE UPJN	AEUPJN	EE UPJN
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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:23-24:LS: 225

Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jagpur Urf Salamatgarh
Block: Sadar
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 144.0 m bgl
Logging Depth: 143.0 m bgl
Date of logging: 20-04-2023
Rm - 22.0 Ω m Rw - 20.0 Ω m

Borehole Drilled by: M/s Kalpataru Pawar Transmission Limited,
Maharajganj, U. P.

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 with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	27 - 31	04	Good
2.	34 - 40	06	Good
3.	44 - 50	06	Good
4.	56 - 60	04	Good
5.	75 - 79	04	Good
6.	109 - 119	10	Good
7.	137 - 141	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 5 is fine sand with kankar intermixed.

For Geo Instruments & Technic's

Verified as per logs provided. (S. Shukla)

Note Sr No. 3-46-50 (4m)

G. Sh
21/04/23