## REPORT ON GEOPHYSICAL WELL LOGGING

## GRAM PANCHAYATBHAURA GAURAV, BLOCK- IGLAS, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/S Kalpataru Power Transmission limited, Aligarh.

On the request of M/S Kalpataru Power Transmission limited, Aligarh.a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 26. Jun. 2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

> Mud Resistivity = 13.26 Ohms. Drilling Water Resistivity = 14.76 Ohms. Approx Water Level = 11 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
-	0 - 5	5	Surface soil	
1.	5 - 15	10	Dry sand	
2.	15 - 20	5	Clay kankar	
3.	20 - 27	7	Fine sand	
4.		4	Clay kankar	
5.	27 - 31	9	Sand & kankar	
6.	31 - 40		Clay kankar	
7.	40 - 44	10	Fine to Medium sand	Medium
8.	44 - 56*	19	Clay kankar	
9.	56 - 75	ale particular a subsection of the subsection of	Fine to Medium sand	Medium
18.	75 - 80* 80 - 110	30	Clay kankar	

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Ground Water Survey Consultancy

per swen guidlines Groundwater quality interpaled by fem as per serier logger

District : Migonh

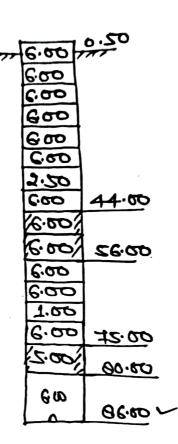
G.P. : Blainagor 49 Block : Lolas Required : 430 LPM

300mm dia Plain Pipe : × 200mm dia Plain Pipe : 88 200mm dia Slotted Pipe : 12 100 mh

Streta :-

31-40 > 09mN & 44-56 -> \$ 12mK

75-80 -> 05 MH



300mm dia Plain Pipe	:	*
300X200 mm Reducer	;	*
200mm dia Plain Pipe	:	4m 02.27
200mm dia Slotted Pipe	:	17.00 mtr
Total	:	86.50 mtr

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nich. All	OWER TRANSMI	-	- IX	adivee associates architects engineers & consultants put. Itd			
		PIP	E ASSEMBLY	AND LOWERING CHART	FOR TUBE WELL		
trict:- Aliga				RCAS	Scheme:-	3MAIRAG	TORNA
No/ Type	DC:-				Size of Bore:-		
der:- JJM htractor:-	A	ssembly Siz	ie:-		Required LPM:-	130	
	CHART				A	ABLY DETAILS	
AGL				IPE LENGTH	Drilling Started Date:-		6123
~			Pipe No. =		DPR Drilling Depth;-	110 4	
			Pipe No. =		Logging Started Date:		123
					Logging Completed D Lowering Started Dat		(123
	0-90		Pipe No. =		Lowering Completed		
[]	1111	$\overline{T}$	Pipe No. =		Housing Pipe Φ :-	мм	M
			pc 140	<i>to</i>	Above AGL 0 :-	MM 69	M M
			Pipe No. = )	7th <6.00	Plain Pipe Φ :- 2 00 Slotted Pipe Φ :- 20		M
			Pipe No. =		Lowered Assembly:-	86	M
			Pipe No. =	16°=6.90	Total Assembly+ AGL	0.12	Sjo M M
		1	Pipe No. =	15t = 6-90	Actual Drilling Depth MS H Frame:- 6	- 10	
			Pipe No. =	14 \$6.00	MS Ring:- 16 MS Reducer:-		
						<b>r0</b>	
			Pipe No. =	13 = 6.00	MS Clamp:- OJ	no	
			Pipe No. =	12 = 6.00	MS Well Cap:-OL	ho	
			Pipe No. =	11+ = 2.50			
		44.00	Pipe No. =	10 = 6-00			
110	1/10		Pipe No. =	gan = 6.00			
L(G		56-00	Pipe No. =	8th = 6.00			
LCU				7 = 6.00			
			Pipe No. =	6ª = 6.00			
				5~ 1.00			
		75.0	Pipe No. =	4=6.00			
1 4	11		Pipe No. =	300 = 2.00			
105	££,	80	Pipe No. =	2 <sup>hd</sup> = 3.00			
LCG	772	10/ 40	Pipe No. =	1sr = 6.00			
Bail Plug		80 00	<u> </u>	, le	ada		
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KALPA-TAP		e associates Incent a consultants put itd.				
PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH						
REQUEST FOR INSPECTION (RFI)   Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/ Date : 226/33						
Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022						
		Location of Wor	<u>k</u>			
	IGARH BLOCK :	161AS	SCHEME :	DHAIRA GORUH		
Following civil items are			Date :			
		vation	PCC RC	c 🗌		
		ring O	P Unit Colur	nn 📃		
Shuttering Bri	ck Work Plaste	er Work 📃 P	ainting Stand	Post		
Rising Main 🔄 Ba	ickfilling M.S. V	Vicket Gate/ Window	Interio	ocking Tile		
HDPE Pipeline	Others					
Following Mechanical, E	Electrical, C&I items are r	eady for inspection :	Date :			
Instrumentation	Welding Va	ves Ch	ain Pully DG S	iet		
Pump Set	Stabilizer Par	nnel 🗌 Sid	ar Chlori	nating Plant		
Lighting	EMF Meter Lev	el / Pressure Transm	itter 🔲 RTU			
Earthing cable	Starter Pipi	ng- DI ( ) HDPE (	) MS() MDPE()	Others		
Work Description :			1			
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	PROJECT - 81	ATE WATER	AND S	ANITATI	ON MIS	BION PR	OJECT ALIG	ARH
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	M/ALIGARH/KPT		RFI no: JJM/ALIC	3ARH/KPT	U	[	)ate : 33	101/23
Contractor Nan Transmission I	ne: Kalpataru Po _imited.	ower	LOA No	- 3155/W-	25 (Aligar	h)/2021-2	2 dated 01.11.	2022
			Loca	ation of W	ork			
DISTRICT:	ALIGARH	BLOCK :	16	n (AS		SCHE	ME: DHA	IRA GRORUA
Following civil its	ems are ready for	inspection :		11.1		Date :		
SBC	Tube Well	Exca	vation		PCC	· ·	RCC	
Driling	Logging	Lower	ina		OP Unit		Column	
Shuttering	Brick Work		r Work		Painting		Stand Post	
Rising Main	Backfilling	M.S. W	/icket Ga	ate/ Windo	W		Interlocking	Tile
HDPE Pipeline		Others						
Following Mecha	anical, Electrical,	C&I items are re	ady for	inspection	:		)ate :	
Instrumentation	Welding	Val	ves		Chain Puli	у 🗀	DG Set	
Pump Set	Stabilizer				Sloar		Chlorinating	Plant
Lighting	EMF Mete			sure Trans			RTU	
Earthing cable	Starter	Pipir	ng- DI (	) HDPE (	) MS (	) MDPE	() <b>O</b> th	ers
Work Description			· · · ·					
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aarvee associates





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## **PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH**

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REQUEST FOR INSPECTION (RFI)	10
Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/ Date : 3.8	06123
Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	
Location of Work	IRA GORVA
DISTRICT: ALIGARH BLOCK: 1 G. (AS SCHEME: BHAC	RA GACAYI
Following civil items are ready for inspection : Date :	
SBC Tube Well Excavation PCC RCC	
Driling Logging Lowering OP Unit Column	
Shuttering Brick Work Plaster Work Painting Stand Post	
Rising Main Backfilling M.S. Wicket Gate/ Window Interlocking Tile	
HDPE Pipeline Others	
Following Mechanical, Electrical, C&I items are ready for inspection.	
Instrumentation Welding Valves Chain and Chlorinating Plan	nt 🗍
Pump Set Stabilizer Pannel Coloris	
Lishting EMF Meter Level / Plessure maintain	
Earthing cable Starter Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( ) Others	· · · · · · · · · · · · · · · · · · ·
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Civil Department E&M , I/C Department	
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